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6

Industrial Automation & Control Cables

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Introduction

The cables listed in this section are specially designed for power generation, pharmaceutical, petrochemical, mining, pulp and paper, wastewater treatment, transportation and food processing industries, among other applications. There are many options available that combine different jacketing materials, insulation materials, and shielding configurations. Almost all cables cataloged here are available from stock or off-the-shelf from distributors. For custom applications with special technical requirements, please contact our support at www.innovcable.com.br/contato.htm. Other industrial cable features and/or benefits include:

- Enerfoil® shielding design, an aluminum/polyester foil which offer 100 percent cable protection against radiated emission and ingress at audio and radio frequencies;
- Special insulation and jacketing materials designed for hazardous environments (choices include XLPE (cross-linked polyethylene) insulation, CPE jacket etc);
- Armoring capabilities, with smooth or corrugated protective metal tapes and interlocking armor;
- Colored intrinsically safe wiring.

Innovcable Data Solutions® - Industrial Ethernet

Coaxial Cables

Description	Part No.	Standard lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
		m	Ft.	kg	Lbs.		mm	Inch		mm	Inch			pF/m	pF/Ft.	MHz	dB/ 100 m	dB/ 100 Ft.

Thinnet 10Base2 Ethernet • 20 AWG Stranded (19x32) .037" Tinned Copper • Bibond® II + 93% Tinned Copper Braid Shield

Foam Polyethylene Insulation • Gray PVC Jacket

UL AWM	**600001**	152.4	500	5.7	12.5	20 AWG	2.59	.102	Bibond II	4.70	.185	50	80%	83.3	25.4	1	1.4	.43
Style 1354		U-304.8	U-1000	11.4	25.0	(19x32)			+ 93%							10	4.3	1.30
(30V 60°C)		304.8	1000	11.4	25.0	.037"			TC Braid							50	9.5	2.90
		500.0	1640	17.9	39.4	TC			5.8Ω/M'							100	13.8	4.20
		U-762.0	U-2500	27.3	60.0	8.8Ω/M'			19.0Ω/km							200	20.0	6.10
		762.0	2500	28.4	62.5	28.9Ω/km										400	29.2	8.90
		1000.0	3280	37.3	82.0											700	39.7	12.10
																900	45.6	13.90
DEC Part No. 17-01248-00																1000	48.6	14.80

For Plenum versions of 600001, see 600002 or 500274.

Plenum • Foam FEP Insulation • Gray Fluorocopolymer Jacket

150°C	**600002**	152.4	500†	5.9	13.0	20 AWG	2.41	.095	Bibond II	4.06	.160	50	80%	83.3	25.4	1	1.4	.43
		304.8	1000	10.9	24.0	(19x32)			+ 93%							10	4.3	1.30
		762.0	2500†	27.3	60.0	.037"			TC Braid							50	9.5	2.90
						TC			5.8Ω/M'							100	13.8	4.20
						8.8Ω/M'			19.0Ω/km							200	20.0	6.10
						28.9Ω/km										400	30.2	9.20
RG-58/U Type																700	42.3	12.90
DEC Part No. 17-01246-00																900	49.2	15.00
Suitable for Outdoor and Direct Burial applications																1000	52.5	16.00

Thicknet 10Base5 Ethernet • 12 AWG Solid .086" Bare Copper • Bibond IV* Quad Shield

Foam Polyethylene Insulation • Yellow PVC Jacket

UL AWM	**600003**	152.4	500	30.0	66.0	12 AWG	6.17	.243	Bibond IV	10.29	.405	50	78%	85.0	26.0	1	.62	.19
Style 1478		304.8	1000	59.5	131.0	(solid)			(Bibond II							5	1.21	.37
(30V 60°C)		500.0	1640	99.9	219.0	.086"			+ 94% TC Braid							10	1.71	.52
						BC			+ Bifoil®							50	3.94	1.20
						1.4Ω/M'			+ 90% TC							100	5.58	1.70
						4.7Ω/km			Braid)							200	8.37	2.55
									1.5Ω/M'							400	12.80	3.90
									5.0Ω/km							700	18.10	5.50
DEC Part No. 17-00451-00																900	21.30	6.50
Ring-band stripes marked every 2.5 meters to aid users in tap placement.																1000	22.60	6.90

For Plenum version of 600003, see 600004.

Plenum • Foam FEP Insulation • Orange Fluorocopolymer Jacket

150°C	**600004**	152.4	500†	30.5	67.0	12 AWG	6.22	.245	Bibond IV	9.53	.375	50	78%	85.0	26.0	1	.59	.18
		304.8	1000†	60.9	134.0	(solid)			(Bibond II							5	1.21	.37
		500.0	1640†	102.1	224.7	.086"			+ 90% TC Braid							10	1.71	.52
						BC			+ Bifoil							50	3.77	1.15
						1.4Ω/M'			+ 90% TC							100	5.41	1.65
						4.7Ω/km			Braid)							200	8.04	2.45
									1.5Ω/M'40012.503.80									
DEC Part No. 17-00324-00									5.0Ω/km							700	18.40	5.60
Ring-band stripes marked every 2.5 meters to aid users in tap placement.																900	22.30	6.80
Suitable for Outdoor and Direct Burial applications.																1000	23.60	7.20

BC = Bare Copper • DCR = DC Resistance • TC = Tinned Copper
Contact the Innovcable Customer Service Department for a Comprehensive Connector Cross Reference. www.innovcable.com.br/contato.htm.
For cable manufactured to latest government revision or other MIL-SPEC requirements, please contact your nearest Innovcable Regional Sales Office.
*Bibond IV = Bibond II + 94% tinned copper braid + Bifoil® + 90% tinned copper braid.
(Plenum version is Bibond II + 90% tinned copper braid + Bifoil + 90% tinned copper braid.)
† Spools and/or UnRoll® cartons are one piece, but length may vary ±10% from length shown.

Innovcable Data Solutions® - Industrial Twinax

Enerhose® Cables

Description	Part No.	Standard lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
		m	Ft.	kg	Lbs.		mm	Inch		mm	Inch			pF/m	pF/Ft.	MHz	dB/ 100 m	dB/ 100 Ft.

78 Ohm • 20 AWG Stranded (7x28) .038" Tinned Copper • Enerfoil® + 55% Tinned Copper Braid Shield (100% Shield Coverage)

Polyethylene Insulation • Blue Sunlight-resistant PVC Jacket (Color Code: Clear, Blue)

Enerhose	**600005**	30.5	100	2.1	4.6	20 AWG	3.91	.154	Enerfoil	6.05	.238	78	66%	64.6	19.7	1	2.0	.6
UL AWM		U-152.4	U-500	8.4	18.5	(7x28)			+55%							10	6.9	2.1
Style 2464		152.4	500	8.4	18.5	.038"			TC Braid							50	11.8	3.6
(300V 80°C)		U-304.8	U-1000	16.8	37.0	Tinned			4.1Ω/M'							100	24.6	7.5
		304.8	1000▲	16.8	37.0	Copper			13.4Ω/km							200	36.1	11.0
		1828.7	6000▲	100.9	222.0	9.5Ω/M'										400	52.5	16.0
		3048.0	10000♦	168.2	370.0	31.0Ω/km												

CPE jacket optional.

Enerfold®

Allen-Bradley P/N 1770-CD
P-7K-SC-182141-MSHA*
▲1000 ft. and 6000 ft. put-ups also available in Brown, Orange or Violet.
♦10000 ft. put-up available in Brown, Orange or Violet only.

Polyethylene Insulation • Blue Sunlight-resistant LDPE Jacket (Color Code: Clear, Blue)

Flooded	**600006**	304.8	1000	15.0	33.0	20 AWG	3.91	.154	Enerfoil	6.10	.240	78	66%	64.6	19.7	1	2.0	.6
Direct Burial		1524.0	5000	70.5	155.0	(7x28)			+55%							10	6.9	2.1
Enerhose						.038"			TC Braid							50	11.8	3.6
300V 80°C						Tinned			4.1Ω/M'							100	24.6	7.5
						Copper			13.4Ω/km							200	36.1	11.0
						9.5Ω/M'										400	52.5	16.0
						31.0Ω/km												

Enerfold®

Allen-Bradley P/N 1770-CD

78 Ohm • 20 AWG Stranded (42x36) .038" Tinned Copper • Overall Enerfoil + 85% Tinned Copper Braid Shield (100% Coverage)

Polyethylene Insulation • Blue Sunlight-resistant PVC Jacket (Color Code: Clear, Blue)

High-Flex	**600007**	304.8	1000	19.1	42.0	20 AWG	3.91	.154	Enerfoil	6.17	.243	78	66%	64.6	19.7	1	2.0	.6
Enerhose		1524.0	5000	93.2	205.0	(42x36)			+85%							10	6.9	2.1
UL AWM						.038"			TC Braid							50	11.8	3.6
Style 2464						Tinned			5.0Ω/M'							100	24.6	7.5
(300V 60°C)						Copper			6.4Ω/km							200	36.1	11.0
						9.5Ω/M'										400	52.5	16.0
						31.0Ω/km												

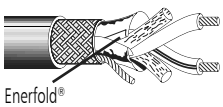
Enerfold®

Allen-Bradley P/N 1770-CD
P-7K-SC-182141-MSHA*

78 Ohm • 20 AWG Stranded (7x28) .038" Tinned Copper • Overall Enerfoil + 56% Tinned Copper Braid Shield (100% Coverage)

Plenum • FEP Insulation • Blue FEP Jacket (Color Code: Clear, Blue)

High	**600008**	304.8	1000	16.4	36.0	20 AWG	3.83	.151	Enerfoil	5.16	.203	78	69%	64.6	19.7	1	2.0	.6
Temperature		762.0	2500	40.9	90.0	(7x28)			+56%							10	6.9	2.1
Enerhose						.038"			TC Braid							50	11.8	3.6
300V 200°C						Tinned			4.1Ω/M'							100	24.6	7.5
						Copper			13.4Ω/km							200	36.1	11.0
						9.5Ω/M'										400	52.5	16.0
						31.0Ω/km												



Enerfold®

Allen-Bradley P/N 1770-CD

DCR = DC Resistance • FEP = Fluorinated Ethylene-propylene • LDPE = Low-density Polyethylene • TC = Tinned Copper
*Pennsylvania Department of Environmental Resources and United States Mine Safety and Health Administration Certification.

Innovcable Data Solutions® - Industrial Twinax

Enerhose® and Other Twinaxial Cables

Description	Part No.	Standard lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
		m	Ft.	kg	Lbs.		mm	Inch		mm	Inch			pF/m	pF/Ft.	MHz	dB/ 100 m	dB/ 100 Ft.

78 Ohm • 20 AWG Stranded (7x28) Tinned Copper • Overall Enerfoil® + 55% Tinned Copper Braid Shield (100% Coverage)

Aluminum Interlocked Armor • PE Insulation • Blue Sunlight-resistant PVC Outer Jacket* (Color Code: Clear, Blue)

Aluminum Armored Enerhose 300V 60°C	**600009**	304.8	1000	55.5	122.0	20 AWG (7x28) .038" Tinned Copper 9.5Ω/M' 31.0Ω/km	3.91	.154	Enerfoil +55% TC Braid 4.1Ω/M' 13.4Ω/km	Core: 6.05	.238	78	66%	64.6	19.7	1	2.0	.6
		1828.8	6000	420.0	924.0					Armor: 14.30	.563					10	6.9	2.1
																50	11.8	3.6
																100	24.6	7.5
																200	36.1	11.0
																400	52.5	16.0

*Blue PVC inner jacket.
Allen-Bradley P/N 1770-CD

Steel Interlocked Armor • PE Insulation • Blue Sunlight-resistant PVC Outer Jacket* (Color Code: Clear, Blue)

Steel Armored Enerhose 300V 60°C	**600010**	304.8	1000	100.0	220.0	20 AWG (7x28) .038" Tinned Copper 9.5Ω/M' 31.0Ω/km	3.91	.154	Enerfoil +55% TC Braid 4.1Ω/M' 13.4Ω/km	Core: 6.05	.238	78	66%	64.6	19.7	1	2.0	.6
		1828.8	6000	676.4	1488.0					Armor: 14.30	.563					10	6.9	2.1
																50	11.8	3.6
																100	24.6	7.5
																200	36.1	11.0
																400	52.5	16.0

*Blue PVC inner jacket.
Allen-Bradley P/N 1770-CD

Continuously Corrugated AL Armor • PE Insulation • Blue Sunlight-resistant PVC Outer Jacket* (Color Code: Clear, Blue)

Continuously Armored Enerhose 300V 60°C	**600011**	1828.8	6000	392.7	864.0	20 AWG (7x28) .038" Tinned Copper 9.5Ω/M' 31.0Ω/km	3.91	.154	Enerfoil +55% TC Braid 4.1Ω/M' 13.4Ω/km	Core: 6.05	.238	78	66%	64.6	19.7	1	2.0	.6
										Armor: 12.70	.500					10	6.9	2.1
																50	11.8	3.6
																100	24.6	7.5
																200	36.1	11.0
																400	52.5	16.0

*Blue PVC inner jacket.
Allen-Bradley P/N 1770-CD

78 Ohm • 20 AWG Stranded (7x28) .038" Tinned Copper • 93% Tinned Copper Braid Shield

Polyethylene Insulation • Blue PVC Jacket (Color Code: Clear, Blue)

UL AWM Style 2092 (300V 60°C)	**600012**	30.5	100	2.2	4.9	20 AWG (7x28) .038" Tinned Copper 9.5Ω/M' 31.0Ω/km	3.96	.156	93% TC Braid Shield 3.4Ω/M' 11.2Ω/km	6.20	.244	78	66%	64.6	19.7	1	2.0	.6
		U-152.4	U-500	9.1	20.0											10	6.9	2.1
		152.4	500	9.1	20.0											50	16.4	5.0
		U-304.8	U-1000	17.7	39.0											100	24.6	7.5
		304.8	1000	18.2	40.0											200	36.1	11.0
																400	52.5	16.0

For Plenum version of 600012, see 500295.
CPE jacket optional.

95 Ohm • RG-22B/U Type • 18 AWG Stranded (7x26) Bare Copper† • (2) Tinned Copper Braids (95% Coverage)

Polyethylene Insulation • Black Non-contaminating PVC Jacket

80°C VW-1	**600013**	152.4	500	29.3	64.5	18 AWG (7x26) .046" BC 6.6Ω/M' 21.5Ω/km	7.24	.285	2 TC Braid 95% Shield .9Ω/M' 3.0Ω/km	10.67	.420	95	66%	52.5	16.0	1	1.0	.3
		304.8	1000	58.2	128.0											10	3.0	.9
																20	4.3	1.3
																50	6.9	2.1
																100	9.8	3.0
																400	20.7	6.3

CPE jacket optional.

† 1 conductor has tinned center strand.

AL = Aluminum • BC = Bare Copper • DCR = DC Resistance • PE = Polyethylene • TC = Tinned Copper

Innovcable Data Solutions® - Industrial Twinax

Twinaxial Cables

Description	Part No.	Standard lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
		m	Ft.	kg	Lbs.		mm	Inch		mm	Inch			pF/m	pF/Ft.	MHz	dB/ 100 m	dB/ 100 Ft.

100 Ohm • 20 AWG Stranded (7x28) .037" One Tinned, One Bare Copper • Bifoil® + 86% Tinned Copper Braid Shield (100% Shield Coverage)

Polyethylene Insulation • Black PVC Jacket

75°C — **600014** — 30.5 / 100 / 3.2 / 7.1 — 20 AWG (7x28) .037" 1 TC 1 BC 9.5Ω/M' 31.0Ω/km — 5.99 / .236 — Bifoil + 86% TC Braid 2.5Ω/M' 8.2Ω/km — 8.38 / .330 — 100 — 66% — 50.9 / 15.5

U-152.4	U-500	15.5	34.0			
152.4	500	15.2	33.5			
304.8	1000	30.9	68.0			
500.0	1640	50.7	111.5			
609.6	2000	61.8	136.0			
1000.0	3280	99.9	219.8			
1524.0	5000	159.1	350.0			

1	1.0	.3
10	3.9	1.2
50	9.2	2.8
100	13.5	4.1
200	21.0	6.4
400	33.5	10.2

For Plenum version of 600014, see 500300.
CPE jacket optional.

IBM P/N 7362211

124 Ohm • 25 AWG Stranded (7x33) .021" Tinned Copper • Enerfoil® (100% Shield Coverage) • Stranded Tinned Copper Drain Wire

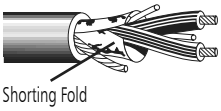
Polyethylene Insulation • Blue PVC Jacket (Color Code: Clear, Blue)

UL AWM Style 2092 (300V 60°C) — **600015** — 30.5 / 100 / 1.7 / 3.7 — 25 AWG (7x33) .021" Tinned Copper 31.8Ω/M' 104.3Ω/km — 4.32 / .170 — 100% Enerfoil Shield 12.0Ω/M' 39.4Ω/km — 6.10 / .240 — 124 — 66% — 40.0 / 12.2

U-152.4	U-500	6.4	14.0			
152.4	500	6.4	14.0			
U-304.8	U-1000	12.3	27.0			
304.8	1000	12.7	28.0			

1	2.0	.6
10	5.6	1.7
50	11.8	3.6
100	16.4	5.0
200	22.6	6.9
400	31.5	9.6

CPE jacket optional.



Shorting Fold

124 Ohm • 16 AWG Solid .051" Bare Copper • Bifoil + 90% Tinned Copper Braid Shield (100% Shield Coverage)

Foam Polyethylene Insulation • Black PVC Jacket (Color Code: White, Blue)

UL AWM Style 2448 (30V 60°C) — **600016** — 152.4 / 500 / 23.6 / 52.0 — 16 AWG (solid) .051" Bare Copper 4.2Ω/M' 13.8Ω/km — 8.18 / .322 — Bifoil +90% TC Braid 1.3Ω/M' 4.3Ω/km — 11.18 / .440 — 124 — 78% — 35.8 / 10.9

304.8	1000	46.8	103.0			
609.6	2000	91.8	202.0			

1	.6	.18
10	2.3	.71
50	5.9	1.8
100	9.5	2.9
200	13.5	4.1
400	20.3	6.2

CPE jacket optional.

150 Ohm • 22 AWG Stranded (19x34) .031" Tinned Copper • Bifoil (100% Shield Coverage) • Stranded Tinned Copper Drain Wire

Enerlene® Insulation • Black PVC Jacket (Color Code: Black, Yellow)

UL AWM Style 2668 (30V 60°C) VW-1 — **600017** — U-152.4 / U-500 / 10.5 / 23.0 — 22 AWG (19x34) .031" Tinned Copper 14.0Ω/M' 45.9Ω/km — 6.98 / .275 — 100% Bifoil Shield 6.3Ω/M' 20.7Ω/km — 8.76 / .345 — 150 — 78% — 28.9 / 8.8

152.4	500	10.7	23.5			
304.8	1000	20.5	45.0			

1	1.3	.4
10	3.9	1.2
50	8.7	2.7
100	14.1	4.3
200	20.3	6.2
400	28.9	8.8

For Plenum version of 600017, see 600018.
Dual version: YR41609
CPE jacket optional.

Plenum • Foam FEP Insulation • Black FEP Jacket (Color Code: Black, Yellow)

600018 — 30.5 / 100 / 2.9 / 6.4 — 22 AWG (19x34) .031" Tinned Copper 14.0Ω/M' 45.9Ω/km — 7.06 / .278 — 100% Bifoil Shield 6.3Ω/M' 20.7Ω/km — 7.80 / .307 — 150 — 78% — 28.9 / 8.8

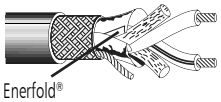
152.4	500†	12.7	28.0			
304.8	1000†	24.1	53.0			

1	1.3	.4
10	3.9	1.2
50	8.7	2.7
100	14.1	4.3
200	20.3	6.2
400	28.9	8.8

BC = Bare Copper • DCR = DC Resistance • FEP = Fluorinated Ethylene-propylene • TC = Tinned Copper
† Spools are one piece, but length may vary ±10% from length shown.

Innovcable Data Solutions® - Industrial Twinax

Enertray® 600V Twinaxial Cables

Description	Part No.	Standard lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
		m	Ft.	kg	Lbs.		mm	Inch		mm	Inch			pF/m	pF/Ft.	MHz	dB/ 100 m	dB/ 100 Ft.
18 AWG Stranded (7x26) Tinned Copper • Overall Enerfoil® + 55% Tinned Copper Braid Shield (100% Coverage)																		
Flame-retardant Polyolefin Insulation • Dark Blue Sunlight-resistant PVC Jacket (Color Code: White, Blue)																		
UL Type TC 600V 75°C  Enerfold® P-MSHA-C-7K-1827*	**600019**	76.2 152.4 304.8 762.0 1524.0 3048.0	250 500 1000 2500 5000 10000	8.0 15.5 31.4 77.3 156.8 322.7	17.5 34.0 69.0 170.0 345.0 710.0	18 AWG (7x26) .046″ Tinned Copper 6.9Ω/M′ 22.7Ω/km	4.88	.192	Enerfoil 55% TC (100% Shield) 3.2Ω/M′ 10.4Ω/km	8.23	.324	78	65%	64	19.5	1 10 50 100 200 400	2.3 6.6 12.5 18.0 25.6 35.4	.7 2.0 3.8 5.5 7.8 10.8
										For CPE jacketed version order Part No. YM45044. CPE jacket optional.								
UL Type TC 600V 75°C  Enerfold®	**600020**	76.2 304.8 1524.0	250 1000 5000	9.5 38.6 190.9	21.0 85.0 420.0	18 AWG (7x26) .046″ Tinned Copper 6.9Ω/M′ 22.7Ω/km	6.25	.246	Enerfoil 55% TC Braid (100% Shield) 2.9Ω/M′ 9.6Ω/km	9.86	.388	100	65%	50.2	15.3	1 10 50 100 200 400	1.8 5.2 9.8 14.2 20.1 24.9	.6 1.6 3.0 4.3 6.1 7.6
										CPE jacket optional.								
UL Type TC 600V 75°C  Enerfold®	**600021**	152.4 304.8 762.0	500 1000 2500	23.9 45.5 113.6	52.5 100.0 250.0	18 AWG (7x26) .046″ Tinned Copper 6.9Ω/M′ 22.7Ω/km	8.33	.328	Enerfoil 55% TC Braid (100% Shield) 2.8Ω/M′ 9.1Ω/km	11.68	.460	124	65%	40.3	12.3	1 10 50 100 200 400	1.5 3.9 7.9 11.4 16.2 22.4	.5 1.2 2.4 3.5 4.9 6.8
										CPE jacket optional.								

DCR = DC Resistance • TC = Tinned Copper if conductor, or Tray Cable if NEC rating.
*Pennsylvania Department of Environmental Resources and United States Mine Safety and Health Administration certification.

Innovcable Data Solutions® - Industrial Coax

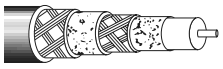
ControlNet™ Quad Shielded Coax

ControlNet is a high-speed serial communication system for communication between devices that require time-critical application exchange.

Description	Part No.	Standard lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
		m	Ft.	kg	Lbs.		mm	Inch		mm	Inch			pF/m	pF/Ft.	MHz	dB/ 100 m	dB/ 100 Ft.

RG-6/U Type • 18 AWG Solid Bare Copper-covered Steel • Bibond® IV* Quad Shield

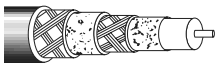
Foam Polyethylene Insulation • PVC Jacket (Black or Intrinsically Safe Blue)



	600022	152.4	500	10.0	22.0	18 AWG	4.57	.180	Bibond IV	7.57	.298	75	82%	53.1	16.2	1	1.2	.35
		304.8	1000	19.1	42.0	(solid)			Quad							2	1.3	.38
		609.6	2000	38.2	84.0	.040"			Shield							5	1.5	.45
		762.2	2500▲	45.5	100.0	BCCS			3.6Ω/M'							10	1.9	.59
						28.0Ω/M'			11.8Ω/km							20	2.8	.86
						91.8Ω/km				Sweep tested 5 MHz to 50 MHz.						50	4.5	1.37
										CPE jacket optional.						100	6.5	1.97
																200	9.3	2.82
																300	11.4	3.48
																400	13.3	4.04

▲2500 ft. put-up available in Black only.
For Rockwell authorized Flexible ControlNet order YR28890 (Tinned Copper Braid version).

Plenum • Foam FEP Insulation • Fluorocopolymer Jacket (Black or Intrinsically Safe Blue)

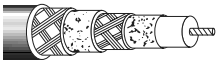


150°C	**600023**	304.8	1000♦	18.2	40.0	18 AWG	4.32	.170	Bibond IV	6.96	.274	75	82%	53.5	16.3	1	1.2	.36
		609.6	2000	36.4	80.0	(solid)			Quad							2	1.3	.38
		762.0	2500	45.5	100.0	.040"			Shield							5	1.6	.50
						BCCS			3.6Ω/M'							10	2.1	.65
						28.0Ω/M'			11.8Ω/km							20	3.1	.95
						91.8Ω/km				Sweep tested 5 MHz to 50 MHz.						50	4.9	1.50
																100	7.0	2.12
																200	9.8	2.99
																300	12.0	3.66
																400	13.9	4.23

♦Blue available as standard in 1000 ft. only.
Suitable for Outdoor and Direct Burial applications.

RG-6/U Type • 20 AWG Stranded (105x40) Bare Copper • Bibond IV* Quad Shield

Foam Polyethylene Insulation • PVC Jacket (Black or Intrinsically Safe Blue)



High-Flex	**600024**	304.8	1000	20.5	45.0	20 AWG	4.65	.183	Bibond IV	7.70	.303	75	79%	55.8	17.0	1	1.2	.36
		1524.0	5000	102.3	225.0	(105x40)			Quad							2	1.5	.47
						.040"			Shield							5	2.6	.80
						Bare			3.6Ω/M'							10	3.9	1.20
						Copper			11.8Ω/km							20	6.6	2.00
						10.5Ω/M'				Sweep tested 5 MHz to 400 MHz.						50	10.5	3.20
						34.4Ω/km				CPE jacket optional.						100	15.1	4.60
																200	21.3	6.50
																300	26.2	8.00
																400	30.5	9.30

IEEE 802.4 MAP/IEEE 802.7 Mini-MAP.

BCCS = Bare Copper-covered Steel • DCR = DC Resistance
*Bibond IV Quad Shield = Bibond II Foil + 60% aluminum braid + Bifoil + 40% aluminum braid.
ControlNet is a ControlNet International trademark.

Innovcable Data Solutions® - Industrial Coax

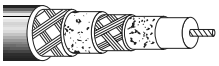
ControlBus™ Quad Shielded Coax

Description	Part No.	Standard lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
		m	Ft.	kg	Lbs.		mm	Inch		mm	Inch			pF/m	pF/Ft.	MHz	dB/ 100 m	dB/ 100 Ft.

RG-6/U Type • 20 AWG Stranded (105x40) Bare Copper • Bibond® IV* Quad Shield

Foam Polyethylene Insulation • PVC Jacket (Black or Intrinsically Safe Blue)

High-Flex **600025** — 304.8 m / 1524.0 m; 1000 Ft. / 5000 Ft.; 20.5 kg / 102.3 kg; 45.0 Lbs. / 225.0 Lbs.



20 AWG (105x40) .040" Bare Copper 10.5Ω/M' 34.4Ω/km | 4.65 mm | .183 Inch | Bibond IV Quad Shield 3.6Ω/M' 11.8Ω/km | 7.70 mm | .303 Inch | 75 Ω | 79% | 55.8 pF/m | 17.0 pF/Ft.

Sweep tested 5 MHz to 400 MHz.
CPE jacket optional.

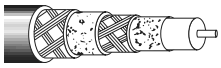
MHz	dB/ 100 m	dB/ 100 Ft.
1	1.2	.36
2	1.5	.47
5	2.6	.80
10	3.9	1.20
20	6.6	2.00
50	10.5	3.20
100	15.1	4.60
200	21.3	6.50
300	26.2	8.00
400	30.5	9.30

IEEE 802.4 MAP/IEEE 802.7 Mini-MAP.

RG-6/U Type • 18 AWG Solid Bare Copper-covered Steel • Bibond IV* Quad Shield

Foam Polyethylene Insulation • Gray PVC Jacket

600026 — 304.8 m / 762.2 m; 1000† Ft. / 2500 Ft.; 18.6 kg / 44.3 kg; 41.0 Lbs. / 97.5 Lbs.



18 AWG (solid) .040" BCCS 28.0Ω/M' 91.8Ω/km | 4.57 mm | .180 Inch | Bibond IV Quad Shield 3.6Ω/M' 11.8Ω/km | 7.57 mm | .298 Inch | 75 Ω | 82% | 53.1 pF/m | 16.2 pF/Ft.

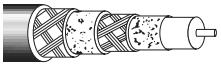
Sweep tested 5 MHz to 400 MHz.
CPE jacket optional.

MHz	dB/ 100 m	dB/ 100 Ft.
1	1.2	.35
2	1.3	.38
5	1.5	.45
10	1.9	.59
20	2.8	.86
50	4.5	1.37
100	6.5	1.97
200	9.3	2.82
300	11.4	3.48
400	13.3	4.04

IEEE 802.4 MAP/IEEE 802.7 Mini-MAP.
Tap marks every 2.6 meters to aid users in installation.

Plenum • Foam FEP Insulation • Gray Fluorocopolymer Jacket

150°C **600027** — 304.8 m / 1000 Ft.; 16.4 kg / 36.0 Lbs.



18 AWG (solid) .040" BCCS 28.0Ω/M' 91.8Ω/km | 4.32 mm | .170 Inch | Bibond IV Quad Shield 3.6Ω/M' 11.8Ω/km | 6.96 mm | .274 Inch | 75 Ω | 82% | 53.5 pF/m | 16.3 pF/Ft.

Sweep tested 5 MHz to 400 MHz.

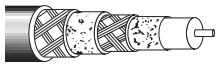
MHz	dB/ 100 m	dB/ 100 Ft.
1	1.2	.36
2	1.3	.38
5	1.6	.50
10	2.1	.65
20	3.1	.95
50	4.9	1.50
100	7.0	2.12
200	9.8	2.99
300	12.0	3.66
400	13.9	4.23

IEEE 802.4 MAP/IEEE 802.7 Mini-MAP.
Tap marks every 2.6 meters to aid users in installation.
Suitable for Outdoor and Direct Burial applications.

RG-11/U Type • 14 AWG Solid Bare Copper-covered Steel • Bibond IV* Quad Shield

Foam Polyethylene Insulation • Gray PVC Jacket

600028 — 152.4 m / 304.8 m / 609.6 m; 500† Ft. / 1000† Ft. / 2000 Ft.; 14.1 kg / 28.2 kg / 54.5 kg; 31.0 Lbs. / 62.0 Lbs. / 120.0 Lbs.



14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km | 7.11 mm | .280 Inch | Bibond IV Quad Shield 1.8Ω/M' 5.9Ω/km | 10.34 mm | .407 Inch | 75 Ω | 82% | 53.1 pF/m | 16.2 pF/Ft.

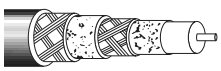
Sweep tested 5 MHz to 400 MHz.
CPE jacket optional.

MHz	dB/ 100 m	dB/ 100 Ft.
1	1.0	.30
2	1.0	.32
5	1.3	.40
10	2.0	60
20	2.3	.71
50	3.0	.90
100	3.9	1.20
200	5.9	1.70
300	6.8	2.08
400	7.9	2.40

IEEE 802.4 MAP
Tap marks every 2.6 meters to aid users in installation.

Plenum • Foam FEP Insulation • Gray Fluorocopolymer Jacket

150°C **600029** — 304.8 m / 1000† Ft.; 34.5 kg / 76.0 Lbs.



14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km | 7.11 mm | .280 Inch | Bibond IV Quad Shield 1.8Ω/M' 5.9Ω/km | 9.83 mm | .387 Inch | 75 Ω | 82% | 54.1 pF/m | 16.5 pF/Ft.

Sweep tested 5 MHz to 400 MHz.

MHz	dB/ 100 m	dB/ 100 Ft.
1	.7	.20
2	.7	.22
5	.9	.28
10	1.3	.39
20	2.0	.60
50	3.9	1.20
100	5.6	1.70
200	8.2	2.50
300	10.0	3.04
400	11.5	3.50

IEEE 802.4 MAP
Tap marks every 2.6 meters to aid users in installation.
Suitable for Outdoor and Direct Burial applications.

BCCS = Bare Copper-covered Steel • DCR = DC Resistance • FEP = Fluorinated Ethylene-propylene
*Bibond IV Quad Shield = Bibond II Foil + 60% aluminum braid + Bifoil® + 40% aluminum braid.
† Spools are one piece, but length may vary ±10% from length shown.

Innovcable Data Solutions® - Industrial Data

Enerbus® ISA/SP-50 Fieldbus* or Profibus Cables

Fieldbus is a standardized digital communications protocol that enables a simple pair of wires to power and carry the communication signals between field devices and a control room.

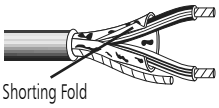
Profibus is one of the largest open industrial fieldbus networks in the world.

Description	Part No.	Standard lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
		m	Ft.	kg	Lbs.		mm	Inch		mm	Inch			pF/m	pF/Ft.	MHz	dB/ 100 m	dB/ 100 Ft.

Fieldbus*/Profibus PA • 18 AWG Stranded (7x26) Tinned Copper • Enerfoil (100% Shield Coverage) • Tinned Copper Drain Wire

Polyolefin Insulation • Orange or Blue PVC Jacket (Color Code: Blue, Orange)

Type A 300V 75°C (31.25 KBits/sec)	**600030**	76.2 152.4 304.8 762.0 1524.0	250 500 1000 2500 5000	4.8 8.4 15.5 38.6 77.3	10.5 18.5 34.0 85.0 170.0	18 AWG (7x26) .048″ Tinned Copper 7.3Ω/M′ 24.0Ω/km	—	—	100% Enerfoil Shield 7.5Ω/M′ 24.6Ω/km	6.43	.253	100 @ 66% 31.25 KHz	78.7	24.0	.039	.26	.08



Shorting Fold

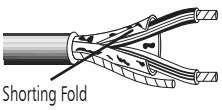
CPE jacket optional.

Fieldbus: Orange jacket. Profibus PA: Intrinsically Safe Blue jacket.

Fieldbus* • 22 AWG Stranded (7x30) Tinned Copper • Enerfoil (100% Shield Coverage) • Tinned Copper Drain Wire

Polyolefin Insulation • Orange PVC Jacket (Color Code: Blue, Orange)

Type B 300V 75°C (31.25 KBits/sec)	**600031**	152.4 304.8	500 1000	5.0 10.5	11.0 23.0	22 AWG (7x30) .030″ Tinned Copper 17.1Ω/M′ 56.0Ω/km	—	—	100% Enerfoil Shield 11.4Ω/M′ 37.4Ω/km	4.97	.196	100 @ 66% 31.25 KHz	77.1	23.5	.039	.45	.14

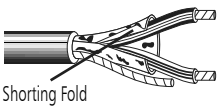


Shorting Fold

CPE jacket optional.

Cellular Polyolefin Insulation • Orange PVC Jacket (Color Code: Blue, Orange)

High Speed▲ 300V 75°C (1.0 & 2.5 MBits/sec)	**600032**	76.2 152.4 304.8 762.0	250 500 1000 2500	5.5 10.5 20.0 52.3	12.0 23.0 44.0 115.0	22 AWG (7x30) .030″ Tinned Copper 17.1Ω/M′ 56.0Ω/km	—	—	100% Enerfoil Shield 3.3Ω/M′ 11.1Ω/km	8.92	.351	150 @ 78% 1 MHz	27.9	8.5	.250 .625 1.250 3.125	.59 .85 1.12 1.81	.18 .26 .34 .55



Shorting Fold

CPE jacket optional.

Profibus DP • 22 AWG Solid Bare Copper • Enerfoil + 65% Tinned Copper Braid Shield (100% Shield Coverage)

Cellular Polyolefin Insulation • Chrome or Violet PVC Jacket (Color Code: Red, Green)

300V 75°C	**600033**	304.8 609.6 1097.6	1000 2000 3600	20.9 42.7 76.9	46.0 94.0 169.2	22 AWG (solid) .026″ Bare Copper 16.0Ω/M′ 52.5Ω/km	5.03	.198	Enerfoil + 65% TC Braid Shield (100% Coverage) 3.9Ω/M′ 12.8Ω/km	8.00	.315	150 78%	29.5	9.0	.2 4.0 16.0 100.0 300.0	.9 2.2 4.5 12.3 21.4	.27 .67 1.37 3.75 6.52

Siemens Sinec L2 cable.

For CPE jacketed version order Part No. YR45047.

For LSOH (FRNC) jacketed version, order Part No. YR44731.

DCR = DC Resistance • TC = Tinned Copper

*Capacitance Unbalance not per ISA/SP-50 Fieldbus

▲For HSE, see Industrial Ethernet Section for copper and fiber cables.

Innovcable Data Solutions® - Industrial Data

Brasbus® for ODVA DeviceNet™

DeviceNet is an open industrial network standard that addresses all kinds of field devices. It allows interchangeability of simple devices and total direct connectivity of larger, more complex communication links.

Features and Benefits

- Data and power in one cable
- Reduced cable and installation costs
- Twisted and shielded for noise immunity (round versions)
- Easier connectivity (flat versions)
- Fully compliant with ODVA specs

DeviceNet Communications Rate Table

Communications Rate	Maximum Distance																			
	3082A		3082F		3082K		3083A		3084F		3084A/3085A		7895A		7896A		7897A		7900A	
	m	Ft.	m	Ft.	m	Ft.	m	Ft.	m	Ft.	m	Ft.	m	Ft.	m	Ft.	m	Ft.	m	Ft.
125 Kbps	500	1640	500	1640	420	1378	500	1640	100	328	100	328	300	984	420	1378	500	1640	100	328
250 Kbps	250	820	250	820	200	656	250	820	100	328	100	328	250	820	200	656	250	820	100	328
500 Kbps	100	328	100	328	100	328	100	328	100	328	100	328	100	328	100	328	100	328	100	328

Description	Part No.	Standard lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Shielding Materials Nom. DCR	Color Code	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
		m	Ft.	kg	Lbs.				mm	Inch			pF/m	pF/Ft.	MHz	dB/ 100 m	dB/ 100 Ft.

600V Class 1 Thick • 15 and 18 AWG Stranded Tinned Copper • 100% Individually Foil Shielded + Overall 65% TC Braid • Drain Wire*

PVC/Nylon Insulation (Power) • FEP Insulation (Data) • Lt. Gray Sunlight/Oil-resistant PVC Jacket

High Velocity Thick 600V 75°C	**600034**	152.4 304.8 609.6	500 1000 2000	28.9 56.4 113.6	63.5 124.0 250.0	(2)15 AWG TC (19x28) 3.6Ω/M′ 11.8Ω/km (2)18 AWG TC (19x30) 6.9Ω/M′ 22.6Ω/km	100% Individual Foil + Overall 65% TC Braid 1.8Ω/M′ 5.7Ω/km	Power Pair: Red/Black Data Pair: Blue/White	11.18	.440	120	— Data: 75%	39.4	12.0	.125 .500 1.000	.43 .82 1.31	.13 .25 .40

*18 AWG stranded (19x30) tinned copper drain wire.
Meter marks on jacket to aid users in installation.

600V Class 1 ODVA Cable V • 16 and 18 AWG Stranded Tinned Copper • 100% Individually Foil Shielded + Overall 65% TC Braid • Drain Wire*

PVC/Nylon Insulation (Power) • F-R Polypropylene Insulation (Data) • Lt. Gray Sunlight/Oil-resistant PVC Jacket

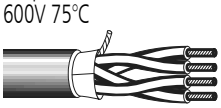
Open Wiring 600V 75°C	**600035**	152.4 304.8 609.6	500 1000 2000	31.8 64.8 125.5	70.0 136.0 276.0	(2)16 AWG TC (19x29) 4.9Ω/M′ 16.1Ω/km (2)18 AWG TC (19x30) 6.9Ω/M′ 22.6Ω/km	100% Individual Foil + Overall 65% TC Braid 1.8Ω/M′ 5.7Ω/km	Power Pair: Red/Black Data Pair: Blue/White	12.75	.502	120	— Data: 64%	48.2	14.7	.125 .500 1.000	.43 .82 1.31	.13 .25 .40

C(UL) AWM I/II A/B
*18 AWG stranded (19x30) tinned copper drain wire.
Meter marks on jacket to aid users in installation.

600V Class 1 ODVA Cable IV • 16 and 18 AWG Stranded Tinned Copper • Unshielded

PVC/Nylon Insulation (Power) • F-R Polypropylene Insulation (Data) • Lt. Gray Sunlight/Oil-resistant PVC Jacket

Drop 600V 75°C	**600036**	152.4 304.8	500 1000	20.5 41.8	45.0 92.0	(2)16 AWG TC (19x29) 4.9Ω/M′ 16.1Ω/km (2)18 AWG TC (19x30) 6.9Ω/M′ 22.6Ω/km	Unshielded	Power Pair: Red/Black Data Pair: Blue/White	10.92	.430	120	— Data: 64%	48.2	14.7	.125 .500 1.000	.43 .82 1.31	.13 .25 .40



Meter marks on jacket to aid users in installation.

DCR = DC Resistance • FEP = Fluorinated Ethylene-propylene • F -R = Flame-retardant • TC = Tinned Copper if conductor, or Tray Cable if NEC rating.
ODVA DeviceNet is an Open DeviceNet Vendor Association, Inc. trademark.

Innovcable Data Solutions® - Industrial Data

Brasbus® for ODVA DeviceNet™

Description	Part No.	Standard lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Shielding Materials Nom. DCR	Color Code	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
		m	Ft.	kg	Lbs.				mm	Inch			pF/m	pF/Ft.	MHz	dB/ 100 m	dB/ 100 Ft.

300V Class 2 Thick • 15 and 18 AWG Stranded Tinned Copper • 100% Individually Foil Shielded + Overall 65% TC Braid • Drain Wire*

PVC Insulation (Power) • FPE Insulation (Data) • Lt. Gray Sunlight/Oil-resistant PVC Jacket

Thick	**600037**	152.4	500	29.1	64.0	(2)15 AWG TC	100%	Power Pair:	11.68	.460	120	—	39.4	12.0	.125	.43	.13
75°C		304.8	1000	58.2	128.0	(19x28)	Individual	Red/Black							.500	.82	.25
		609.6	2000	118.2	260.0	3.6Ω/M′	Foil								1.000	1.18	.36
						11.8Ω/km	+ Overall										
						(2)18 AWG TC	65%	Data Pair:				Data:					
						(19x30)	TC Braid	Blue/White				75%					
						6.9Ω/M′	1.8Ω/M′										
						22.6Ω/km	5.9Ω/km										

UL AWM 20201 • C(UL) AWM I/II A
*18 AWG stranded (19x30) tinned copper drain wire.
Meter marks on jacket to aid users in installation.

High-Flex	**600038**	152.4	500	32.7	72.0	(2)15 AWG TC	100%	Power Pair:	12.07	.460	120	—	39.4	12.0	.125	.43	.13
Thick		304.8	1000	63.6	140.0	(65x33)	Individual	Red/Black							.500	.82	.25
75°C		609.6	2000	129.1	284.0	3.6Ω/M′	Foil								1.000	1.18	.36
						11.8Ω/km	+ Overall										
						(2)18 AWG TC	65%	Data Pair:				Data:					
						(65x36)	TC Braid	Blue/White				75%					
						6.9Ω/M′	1.8Ω/M′										
						22.6Ω/km	5.9Ω/km										

UL AWM 20201 • C(UL) AWM I/II A
*18 AWG stranded (65x36) tinned copper drain wire.
Meter marks on jacket to aid users in installation.

PVC Insulation (Power) • FPE Insulation (Data) • Yellow CPE Jacket

Thick	**600039**	304.8	1000	60.5	133.0	(2)15 AWG TC	100%	Power Pair:	12.07	.475	120	—	39.4	12.0	.125	.43	.13
80°C		609.6	2000	122.7	270.0	(19x28)	Individual	Red/Black							.500	.82	.25
						3.6Ω/M′	Foil								1.000	1.18	.36
						11.8Ω/km	+ Overall										
						(2)18 AWG TC	65%	Data Pair:				Data:					
						(19x30)	TC Braid	Blue/White				75%					
						6.9Ω/M′	1.8Ω/M′										
						22.6Ω/km	5.9Ω/km										

*18 AWG stranded (19x30) tinned copper drain wire.
Meter marks on jacket to aid users in installation.

DCR = DC Resistance • FPE = Foam Polyethylene • TC = Tinned Copper if conductor, or Tray Cable if NEC rating.
ODVA DeviceNet is an Open DeviceNet Vendor Association, Inc. trademark.

Innovcable Data Solutions® - Industrial Data

Brasbus® for ODVA DeviceNet™

Description	Part No.	Standard lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Shielding Materials Nom. DCR	Color Code	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
		m	Ft.	kg	Lbs.				mm	Inch			pF/m	pF/Ft.	MHz	dB/ 100 m	dB/ 100 Ft.

300V Class 2 Thin • 22 and 24 AWG Stranded Tinned Copper • 100% Individually Foil Shielded + Overall 65% TC Braid • Drain Wire*

PVC Insulation (Power) • FPE Insulation (Data) • Lt. Gray Sunlight/Oil-resistant PVC Jacket

Thin	**600040**	152.4	500	11.8	26.0	(2)22 AWG TC	100%	Power Pair:	7.11	.280	120	—	39.4	12.0	.125	.95	.29
75°C		304.8	1000	22.3	49.0	(154x44)	Individual	Red/Black							.500	1.64	.50
		609.6	2000	45.5	100.0	17.5Ω/M'	Foil								1.000	2.30	.70
						57.4Ω/km	+ Overall										
						(2)24 AWG TC	65%	Data Pair:				Data:					
						(105x44)	TC Braid	Blue/White				75%					
						28.0Ω/M'	3.2Ω/M'										
						91.9Ω/km	10.5Ω/km										

C(UL) AWM I/II A
*22 AWG stranded (19x34) tinned copper drain wire.
Meter marks on jacket to aid users in installation.

High-Flex	**600041**	152.4	500	10.7	23.5	(2)22 AWG TC	100%	Power Pair:	6.99	.275	120	—	39.4	12.0	.125	.95	.29
Thin		304.8	1000	20.5	45.0	(154x44)	Individual	Red/Black							.500	1.64	.50
75°C		609.6	2000	40.9	90.0	17.5Ω/M'	Foil								1.000	2.30	.70
						57.4Ω/km	+ Overall										
						(2)24 AWG TC	65%	Data Pair:				Data:					
						(105x44)	TC Braid	Blue/White				75%					
						28.0Ω/M'	3.2Ω/M'										
						91.9Ω/km	10.5Ω/km										

C(UL) AWM I/II A
*22 AWG stranded (26x36) tinned copper drain wire.
Meter marks on jacket to aid users in installation.

PVC Insulation (Power) • FPE Insulation (Data) • Yellow CPE Jacket

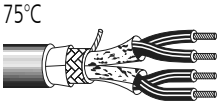
Thin	**600042**	152.4	500	11.4	25.0	(2)22 AWG TC	100%	Power Pair:	7.11	.280	120	—	39.4	12.0	.125	.95	.29
80°C		304.8	1000	21.4	47.0	(154x44)	Individual	Red/Black							.500	1.64	.50
		609.6	2000	43.6	96.0	17.5Ω/M'	Foil								1.000	2.30	.70
						57.4Ω/km	+ Overall										
						(2)24 AWG TC	65%	Data Pair:				Data:					
						(105x44)	TC Braid	Blue/White				75%					
						28.0Ω/M'	3.2Ω/M'										
						91.9Ω/km	10.5Ω/km										

*22 AWG stranded (19x34) tinned copper drain wire.
Meter marks on jacket to aid users in installation.

300V Class 2 ODVA Cable III • 20 and 18 AWG Stranded TC • 100% Individually Foil Shielded + Overall 65% TC Braid • Drain Wire*

PVC Insulation (Power) • FPE Insulation (Data) • Lt. Gray Sunlight/Oil-resistant PVC Jacket

Mid	**600043**	152.4	500	19.1	42.0	(2)20 AWG TC	100%	Power Pair:	9.60	.378	120	—	39.4	12.0	.125	.95	.29
75°C		304.8	1000	37.7	83.0	(19x32)	Individual	Red/Black							.500	1.64	.50
						10.9Ω/M'	Foil								1.000	2.30	.70
						35.8Ω/km	+ Overall										
						(2)18 AWG TC	65%	Data Pair:				Data:					
						(19x30)	TC Braid	Blue/White				75%					
						6.9Ω/M'	3.2Ω/M'										
						22.6Ω/km	10.5Ω/km										

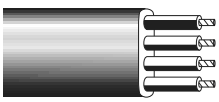


UL AWM 20201
*20 AWG stranded (19x32) tinned copper drain wire.
Meter marks on jacket to aid users in installation.

Flat • 16 AWG Stranded (19x29) Tinned Copper • Unshielded

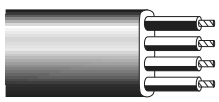
PVC Insulation (Power) • FPE Insulation (Data) • Lt. Gray Sunlight-resistant PVC Jacket

Class 2	**600044**	75.0	246	14.0	30.8	(4)16 AWG TC	Unshielded	Power Pair:	10.92	.760	120	—	39.4	12.0	.125	.43	.13
300V 75°C		200.0	656	35.8	78.7	(19x29)		Red/Black	x	x					.500	.82	.25
		420.0	1378	75.2	165.4	4.9Ω/M'			5.33	.210					1.000	1.31	.40
						16.1Ω/km											
								Data Pair:				Data:					
								Blue/White				75%					



PVC Insulation • Black Sunlight-resistant PVC Jacket

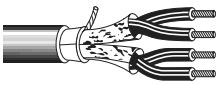
Class 1	**600045**	75.0	246	14.5	32.0	(4)16 AWG TC	Unshielded	Red/Black,	10.92	.760	—	—	—	—	—	—	—
Power 600V 75°C		200.0	656	37.0	81.3	(19x29)		Blue/White	x	x							
		420.0	1378	77.7	170.9	4.9Ω/M'			5.33	.210							
						16.1Ω/km											



DCR = DC Resistance • FPE = Foam Polyethylene • F-R = Flame-retardant • TC = Tinned Copper if conductor, or Tray Cable if NEC rating.

Innovcable Data Solutions® - Industrial Data

Brasbus® for Honeywell Smart Distributed System

Description	Part No.	Standard lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Shielding Materials Nom. DCR	Color Code	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
		m	Ft.	kg	Lbs.				mm	Inch			pF/m	pF/Ft.	MHz	dB/ 100 m	dB/ 100 Ft.
22 AWG Stranded Tinned Copper • Each Pair Individually Enerfoil® Shielded																	
PVC Insulation (Power) • Cellular PE Insulation (Data) • Dark Gray PVC Jacket																	
UL AWM Style 2464 30V 80°C CSA AWM I/II A	**600046**	152.4 304.8 609.6	500 1000 2000	10.0 18.6 38.2	22.0 41.0 84.0	(4)22 AWG (19x34) .030″ Tinned Copper 17.5Ω/M′ 57.4Ω/km	100% Enerfoil Each Pair	Power Pair: Blue/Brown Data Pair: Black/White	7.37	.290	120	— Data: 76%	39.4	12.0	.125 .500 1.000	.76 1.38 1.97	.23 .42 .60
																	
Micro Cable (Drop)																	
16 and 20 AWG Stranded Tinned Copper • Each Pair Individually Enerfoil Shielded																	
PVC Insulation (Power) • Cellular PE Insulation (Data) • Dark Gray PVC Jacket																	
UL AWM Style 2464 30V 80°C CSA AWM I/II A	**600047**	152.4 304.8	500 1000	18.2 36.4	40.0 80.0	(2)16 AWG TC (19x29) .067″ 3.6Ω/M′ 11.8Ω/km (2)20 AWG TC (19x32) .041″ 10.0Ω/M′ 32.8Ω/km	100% Enerfoil Each Pair	Power Pair: Blue/Brown Data Pair: Black/White	10.11	.398	120	— Data: 76%	39.4	12.0	.125 .500 1.000	.59 1.15 1.54	.18 .35 .47
																	
Mini Cable (Trunk)																	

DCR = DC Resistance • TC = Tinned Copper

Innovcable Data Solutions® - Industrial Data

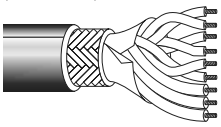
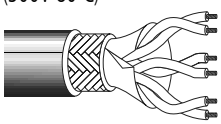
Brasbus® for Square D/Seriplex®

Description	Part No.	Standard lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Shielding Materials Nom. DCR	Color Code	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
		m	Ft.	kg	Lbs.				mm	Inch			pF/m	pF/Ft.	MHz	dB/ 100 m	dB/ 100 Ft.
18 and 22 AWG Stranded Tinned Copper • Overall 100% Enerfoil® Shield • 22 AWG Drain Wire																	
Foam HDPE Insulation (Power) • Foam HDPE Insulation (Data) • Orange PVC Jacket																	
150V 75°C	**600048**	152.4 304.8	500 1000	11.4 21.4	25.0 47.0	(2)18 AWG (16x30) .040″ TC 6.8Ω/M′ 21.3Ω/km (2)22 AWG (7x30) .030″ TC 18.1Ω/M′ 59.4Ω/km	100% Overall Enerfoil Shield 10.7Ω/M′ 35.1Ω/km	Power Pair: Red/Black Data Pair: White/Green	7.82	.308	150	— Data: 78%	30.0	9.0			
16 and 22 AWG Stranded Tinned Copper • Overall 100% Enerfoil Shield • 22 AWG Drain Wire																	
Foam HDPE Insulation (Power) • Foam HDPE Insulation (Data) • Orange PVC Jacket																	
150V 75°C	**600049**	152.4 304.8	500 1000	14.3 28.6	31.5 63.0	(2)16 AWG (26x30) .060″ TC 4.5Ω/M′ 14.8Ω/km (2)22 AWG (7x30) .030″ TC 18.1Ω/M′ 59.4Ω/km	100% Overall Enerfoil Shield 10.0Ω/M′ 32.8Ω/km	Power Pair: Red/Black Data Pair: White/Green	9.35	.368	150	— Data: 78%	30.0	9.0			
16, 22 and 12 AWG Stranded Tinned Copper • Overall 100% Enerfoil Shield • 22 AWG Drain Wire																	
Foam HDPE Insulation (Control) • Foam HDPE Insulation (Data) • PVC Insulation (Power) • Orange PVC Jacket																	
150V 75°C	**600050**	152.4 304.8	500 1000	26.1 51.8	57.5 114.0	(2)16 AWG (26x30) .060″ TC 4.5Ω/M′ 14.8Ω/km (2)22 AWG (7x30) .030″ TC 18.1Ω/M′ 59.4Ω/km (2)12 AWG (65x30) .090″ TC 1.8Ω/M′ 5.9Ω/km	100% Overall Enerfoil Shield 9.5Ω/M′ 31.2Ω/km	Control Pair: Red/Black Data Pair: White/Green Power Pair: Black/White, Red/White	12.34 x 9.22	.486 x .363	150	— Data: 78% —	30.0	9.0			

DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper
Square D/Seriplex is a Square D/Schneider AEG trademark.

Innovcable Data Solutions® - Industrial Data

Brasbus® for Phoenix Contact InterBus®-S

Description	Part No.	Standard lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Shielding Materials Nom. DCR	Color Code	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
		m	Ft.	kg	Lbs.				mm	Inch			pF/m	pF/Ft.	MHz	dB/ 100 m	dB/ 100 Ft.
18 and 24 AWG Stranded Tinned Copper • Overall 100% Enerfoil® Shield + 90% Tinned Copper Braid																	
PVC Insulation (Power) • PE Insulation (Data) • Green Polyurethane Jacket																	
UL AWM Style 20233 (300V 80°C) 	**600051**	152.4 304.8	500 1000	16.1 32.3	35.5 71.0	(3)18 AWG (7x24) .060" TC 3.7Ω/M' 12.1Ω/km (3pr)24 AWG (7x32) .024" TC 24.0Ω/M' 78.7Ω/km	100% Overall Enerfoil + 90% TC Braid 2.7Ω/M' 8.9Ω/km	Power: Red, Blue, Green w/ Yellow Stripe Data: White/Brown, Pink/Gray, Yellow/Green	8.46	.333	100	— Data: 66%	50.5	15.4			
24 AWG Stranded Tinned Copper • Overall 100% Enerfoil Shield + 90% Tinned Copper Braid																	
PE Insulation • Green Polyurethane Jacket																	
UL AWM Style 20233 (300V 80°C) 	**600052**	152.4 304.8	500 1000	12.7 25.5	28.0 56.0	(3pr)24 AWG (7x32) TC 24.0Ω/M' 78.7Ω/km	100% Overall Enerfoil + 90% TC Braid 2.7Ω/M' 8.9Ω/km	White/Brown, Pink/Gray, Yellow/Green	7.95	.313	100	66%	50.5	15.4			

DCR = DC Resistance • TC = Tinned Copper
InterBus-S is a Phoenix Contact trademark.

Innovcable Data Solutions® - Industrial Data

EIA Industrial RS-485 PLTC/CM

Description	Part No.	No. of Pairs	Color Code	Standard Lengths		Standard Unit Weight		Nominal DCR		Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance			
				m	Ft.	kg	Lbs.	Cond.	Shield	mm	Inch			* pF/m	* pF/Ft.	** pF/m	** pF/Ft.
22 AWG Stranded (7x30) Tinned Copper • Twisted Pairs • Overall 100% Enerfoil® Shield + 90% TC Braid • 22 AWG Stranded TC Drain Wire																	
Enerlene® Insulation • Black UV Resistant PVC Jacket (CPE jacket optional)																	
Oil Res II 300V 	**600053**	1	See Chart Below	152.4 304.8 1523.9	500 1000 5000	11.4 22.7 115.9	25.0 50.0 255.0	14.7Ω/M′ 48.2Ω/km	2.9Ω/M′ 9.5Ω/km	7.26	.286	120	78%	36.1	11.0	65.6	20.0
														For CPE jacketed version order Part No. YR44345			
	600054	1.5†	See Chart Below	152.4 304.8 1523.9	500 1000 5000	12.3 23.2 118.2	27.0 51.0 260.0	14.7Ω/M′ 48.2Ω/km	2.8Ω/M′ 9.2Ω/km	7.67	.302	120	78%	36.1	11.0	65.6	20.0
														For CPE jacketed version order Part No. YR46721			
	600055	2	See Chart Below	304.8 1219.2 1523.9	1000 4000 5000	33.2 136.4 175.0	73.0 300.0 385.0	14.7Ω/M′ 48.2Ω/km	1.4Ω/M′ 4.6Ω/km	9.04	.356	120	78%	36.1	11.0	65.6	20.0
														For CPE jacketed version order Part No. YR46792			
	600056	3	See Chart Below	304.8 609.6	1000 2000	42.3 83.6	93.0 184.0	14.7Ω/M′ 48.2Ω/km	1.4Ω/M′ 4.6Ω/km	10.67	.420	120	78%	36.1	11.0	65.6	20.0
														For CPE jacketed version order Part No. YR45287			
	600057	4	See Chart Below	304.8 609.6	1000 2000	48.6 99.1	107.0 218.0	14.7Ω/M′ 48.2Ω/km	1.1Ω/M′ 3.6Ω/km	10.67	.420	120	78%	36.1	11.0	65.6	20.0
														For CPE jacketed version order Part No. YR44768			

DCR = DC Resistance • TC = Tinned Copper
* Capacitance between conductors.
**Capacitance between one conductor and other conductors connected to shield.
† All conductors are under the braid shield; one pair is under the Enerfoil shield.

Color Code Chart

Pair No.	Color Combination
1	White/Blue Stripe Blue/White Stripe
2	White/Orange Stripe Orange/White Stripe
3	White/Green Stripe Green/White Stripe
4	White/Brown Stripe Brown/White Stripe

Innovcable Data Solutions® - Interconnect Cable

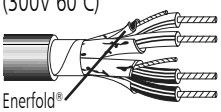
Shielded Twisted Pair Cables

Description	Part No.	No. of Pairs	Color Code	Standard Lengths		Standard Unit Weight		Nominal DCR		Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance			
				m	Ft.	kg	Lbs.	Cond.	Shield	mm	Inch			* pF/m	* pF/Ft.	** pF/m	** pF/Ft.

24 AWG Stranded (7x32) • Tinned Copper • Twisted Pairs • Individually Shielded with 100% Enerfoil® • 24 AWG Stranded TC Drain Wire

Enerlene® Insulation • Chrome PVC Jacket

UL AWM Style 2493 (300V 60°C)	**600058**	2	See Chart 3 (Tech Info Section)	30.5	100	2.0	4.3	24.0Ω/M'	18.0Ω/M'	8.05	.317	100	78%	41.0	12.5	76.1	23.2
				152.4	500	9.3	20.5	78.7Ω/km	59.1Ω/km								
				304.8	1000	17.7	39.0										
				3048.0	10000	177.8	390.0										

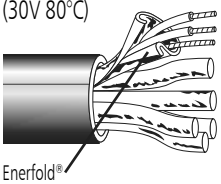

Enerfold®

For Plenum version of 600058, see 400237 or 400242.

22 AWG Stranded (7x30) • Tinned Copper • Twisted Pairs • Individually Shielded with 100% Enerfoil • 22 AWG Stranded TC Drain Wire

Polypropylene Insulation • Chrome PVC Jacket

UL AWM Style 2919 (30V 80°C)	**600059**	3	See Chart 3 (Tech Info Section)	30.5	100	2.4	5.3	15.0Ω/M'	10.6Ω/M'	6.93	.273	50	66%	98	30	180	55
				76.2	250	5.1	11.3	49.2Ω/km	34.8Ω/km								
				U-152.4	U-500	9.5	21.0										
				152.4	500	9.5	21.0										
				U-304.8	U-1000	18.7	41.0										
				304.8	1000	19.1	42.0										
				499.9	1640	30.6	67.2										
				999.7	3280	62.6	137.8										
				1524.0	5000	95.5	210.0										
				3048.0	10000	204.5	450.0										


Enerfold®

For Plenum versions of 600059, see 400268, 400270 or 400272.

22 AWG Stranded (7x30) • Tinned Copper • Twisted Pairs • Individually Shielded with 100% Enerfoil • 24 AWG Stranded TC Drain Wire

Polypropylene Insulation • Chrome PVC Jacket (Pairs Cabled on Common Axis to Reduce Diameter)

300V RMS 60°C	**600060**	2	Red/Black, Green/White	30.5	100	1.0	2.3	15.0Ω/M'	16.6Ω/M'	4.27	.168	45	66%	115	35	203	62
				U-152.4	U-500	4.8	10.5	49.2Ω/km	54.5Ω/km								
				152.4	500	4.5	10.0										
				U-304.8	U-1000	9.1	20.0										
				304.8	1000	9.1	20.0										
				499.9	1640	14.9	32.8										
				U-609.6	U-2000	18.2	40.0										
				609.6	2000	18.2	40.0										
				999.7	3280	29.8	65.6										
				1524.0	5000	43.2	95.0										
				3048.0	10000	90.9	200.0										

For Plenum versions of 600060, see 600061, 400255 or 400257.

Plenum • FEP Insulation • Red FEP Jacket (Pairs Cabled on Common Axis to Reduce Diameter)

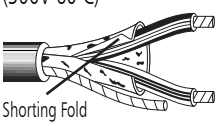
300V RMS, Non-conduit	**600061**	2	Red/Black, Green/White	30.5	100	1.5	3.4	16.0Ω/M'	16.6Ω/M'	3.76	.148	40	69%	115	35	220	67
				152.4	500	5.0	11.0	52.5Ω/km									
				304.8	1000	9.5	21.0										


Enerfold®

18 AWG Stranded Conductors (16x30) • Tinned Copper • Twisted Pair • Overall 100% Enerfoil Shield • 20 AWG Stranded TC Drain Wire

Polyethylene Insulation • Chrome PVC Jacket

UL AWM Style 2092 (300V 60°C)	**600062**	1	Black, Clear	76.2	250	3.1	6.8	—	—	5.64	.222	—	—	79	24	144	44
				U-152.4	U-500	5.9	13.0										
				152.4	500	5.9	13.0										
				U-304.8	U-1000	11.8	26.0										
				304.8	1000	11.4	25.0										
				609.6	2000	22.7	50.0										
				1524.0	5000	61.4	135.0										
				3048.0	10000	118.2	260.0										


Shorting Fold

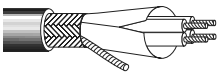
For Plenum versions of 600062, see 400134, 400135 or 400136.

DCR = DC Resistance • TC = Tinned Copper
* Capacitance between conductors.
**Capacitance between one conductor and other conductors connected to shield.

VFD (Variable Frequency Drive) Cable

1000V UL Flexible Motor Supply Cable

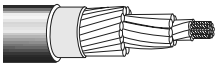
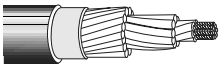
VFD cables carry the power from AC drive systems to AC motors and are designed to withstand harsh operating environments characterized by high voltage spikes, high noise levels and adverse environmental conditions.

Description	Part No.	AWG	Cond. Stranding	Standard Lengths		Standard Unit Weight		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	N	Lbs.	mm	Inch
4-conductor (3) Stranded TC Signals + (1) Full-sized Ground • Overall Enerfoil® + 85% TC Braid Shield • Full Sized TC Drain Wire*													
XLPE Insulation • Black Sunlight-resistant PVC Jacket (ICEA Method 4 Color Code: Black and Numbered, Green Ground)													
1000V UL Flexible Motor Supply Cable 600V UL 1277 Type TC 1000V CSA AWM I/II A/B FT4	**600063**	16	26x30	76.2 152.4 304.8 1829.3	250 500 1000 6000	18.3 42.5 76.8 485.5	40.3 93.5 169.0 1068.0	12.19	.48	368	83	99.06	3.9
Open Wiring per NEC Article 340 90°C Wet/Dry	**600064**	14	41x30	76.2 152.4 304.8 1524.0	250 500 1000 5000	25.0 56.4 110.5 502.3	55.0 124.0 243.0 1105.0	13.97	.55	773	174	114.30	4.5
	**600065**	12	65x30	76.2 152.4 304.8 1524.0	250 500 1000 5000	31.7 68.9 135.5 713.6	69.8 151.5 298.0 1570.0	15.24	.60	1081	243	121.92	4.8
	600066	10	105x30	76.2 152.4 304.8 1524.0	250 500 1000 5000	41.5 88.4 170.5 920.5	91.3 194.5 375.0 2025.0	16.76	.66	1463	329	137.16	5.4
	600067	8	7x19x29	76.2 152.4 304.8 1524.0	250 500 1000 5000	72.0 150.9 300.0 1425.0	158.5 332.0 660.0 3135.0	22.61	.89	2326	523	185.42	7.3
	600068	6	7x19x27	76.2 304.8 1066.8	250 1000 3500	100.6 411.8 1457.3	221.3 906.0 3206.0	25.15	.99	3736	840	203.20	8.0
	600069	4	7x19x25	76.2 304.8 914.4	250 1000 3000	145.2 568.2 1746.8	319.5 1250.0 3843.0	29.21	1.15	5903	1327	233.68	9.2
	600070	2	7x19x23	76.2 152.4 304.8 609.6	250 500 1000 2000	199.0 398.0 777.7 1673.6	437.8 875.5 1711.0 3682.0	32.77	1.29	9386	2110	266.70	10.5
XHHW-2, RHW-2 rated singles. Suitable for Direct Burial applications.													

TC = Tinned Copper if conductor, or Tray Cable if NEC rating. • XLPE = Cross-linked Polyethylene
*Drain wire and ground wire are the same AWG size as conductor.

Innovcable Eternity® Flexible Automation Cable

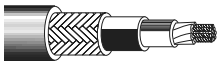
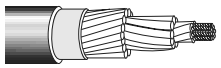
600V C-TC+ Control Cables for Extreme Flexing (9 Million Flex Cycles*)

Description	Part No.	No. of Cond.	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Maximum Pull Tension	
			m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	mm	Inch	N	Lbs.
20 AWG Stranded (74x38) Bare Copper • Unshielded (Color Code: Red w/numbers + Green/Yellow ground)														
PVC Insulation • Orange Oil- and Abrasion-resistant PVC Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600071**	3	76.2 152.4 304.8	250 500 1000	5.0 11.1 21.4	11.0 24.5 47.0	.51	.020	1.14	.045	6.99	.275	200	45
	**600072**	4	76.2 152.4 304.8	250 500 1000	6.0 12.5 24.1	13.3 27.5 53.0	.51	.020	1.14	.045	7.49	.295	262	59
	600073	9	76.2 152.4 304.8	250 500 1000	13.5 23.6 47.3	29.8 52.0 104.0	.51	.020	1.40	.055	11.05	.435	578	130
	600074	12	76.2 152.4 304.8	250 500 1000	14.7 30.2 60.9	32.3 66.5 134.0	.51	.020	1.40	.055	11.56	.455	791	178
	600075	18	76.2 152.4	250 500	22.7 45.9	50.0 101.0	.51	.020	1.65	.065	13.84	.545	1156	260
Temp Rating: -40° to 90°C (-5° to 90°C flexing)	**600076**	25	76.2 152.4	250 500	32.5 65.2	71.5 143.5	.51	.020	2.03	.080	16.89	.665	1645	370
20 AWG Stranded (74x38) Bare Copper • 85% Tinned Copper Braid Shield (Color Code: Red w/numbers + Green/Yellow ground)														
PVC Insulation • PVC Inner Jacket • Orange Oil- and Abrasion-resistant PVC Outer Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600077**	12	76.2 152.4	250 500	26.1 52.7	57.5 116.0	.51	.020	Inner: .64 Outer: 1.40	.025 .055	13.59	.535	863	194
														
Temp Rating: -40° to 90°C (-5° to 90°C flexing)														
18 AWG Stranded (114x38) Bare Copper • Unshielded (Color Code: Red w/numbers + Green/Yellow ground)														
PVC Insulation • Orange Oil- and Abrasion-resistant PVC Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600078**	3	76.2 152.4 304.8	250 500 1000	5.8 11.8 22.7	12.8 26.0 50.0	.51	.020	.89	.035	7.62	.300	306	69
	**600079**	7	76.2 152.4 304.8	250 500 1000	13.2 25.2 50.5	29.0 55.5 111.0	.51	.020	1.52	.060	11.13	.438	689	155
	600080	12	76.2 152.4 304.8	250 500 1000	18.3 38.4 76.8	40.3 84.5 169.0	.51	.020	1.52	.060	13.03	.513	1201	270
	600081	18	76.2 152.4	250 500	28.6 57.3	63.0 126.0	.51	.020	1.52	.060	15.19	.598	1779	400
	600082	25	76.2 152.4	250 500	40.6 81.4	89.3 179.0	.51	.020	2.11	.083	18.90	.744	2535	570
Temp Rating: -40° to 90°C (-5° to 90°C flexing)	**600083**	34	76.2 152.4	250 500	49.4 98.2	108.8 216.0	.51	.020	2.11	.083	20.88	.822	3447	775

*Based on proper installation techniques in a C-track cable guide.

Innovcable Eternity® Flexible Automation Cable

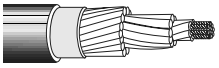
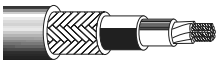
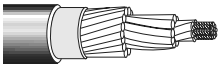
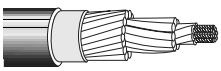
600V C-TC+ Control Cables for Extreme Flexing (9 Million Flex Cycles*)

Description	Part No.	No. of Cond.	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Maximum Pull Tension	
			m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	mm	Inch	N	Lbs.
18 AWG Stranded (114x38) Bare Copper • 85% Tinned Copper Braid Shield (Color Code: Red w/numbers + Green/Yellow ground)														
PVC Insulation • PVC Inner Jacket • Orange Oil- and Abrasion-resistant PVC Outer Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600084**	4	76.2 152.4	250 500	1.8 27.5	4.0 60.5	.51	.020	Inner: .64 Outer: 1.27	.025 .050	10.29	.405	323	84
	**600085**	12	76.2 152.4 304.8	250 500 1000	33.1 65.7 130.5	72.8 144.5 287.0	.51	.020	Inner: .64 Outer: 1.65	.025 .065	15.24	.600	1121	252
	600086	25	76.2 152.4	250 500	63.1 126.1	138.8 277.5	.51	.020	Inner: .64 Outer: 2.03	.025 .080	20.70	.815	1214	273
Temp Rating: -40° to 90°C (-5° to 90°C flexing)														
16 AWG Stranded (190x38) Bare Copper • Unshielded (Color Code: Red w/numbers + Green/Yellow ground)														
PVC Insulation • Orange Oil- and Abrasion-resistant PVC Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600087**	3	76.2 152.4 304.8	250 500 1000	7.4 19.8 38.2	16.3 43.5 84.0	.51	.020	1.14	.045	8.26	.325	507	114
	**600088**	7	76.2 152.4 304.8	250 500 1000	17.5 33.4 67.3	38.5 73.5 148.0	.51	.020	1.52	.060	12.19	.480	1156	260
	600089	9	76.2 152.4 304.8	250 500 1000	22.4 44.3 88.6	49.3 97.5 195.0	.51	.020	1.52	.060	13.84	.545	1512	340
	600090	12	76.2 152.4 304.8	250 500 1000	24.2 55.7 110.5	53.3 122.5 243.0	.51	.020	1.52	.060	14.48	.570	2001	450
	600091	18	76.2 152.4	250 500	38.8 78.2	85.3 172.0	.51	.020	1.52	.060	17.02	.670	3025	680
	600092	25	76.2 152.4	250 500	56.5 112.5	124.5 247.5	.51	.020	2.03	.080	20.83	.820	4226	950
	600093	34	76.2 152.4	250 500	75.6 152.7	166.3 336.0	.51	.020	2.03	.080	22.86	.900	5738	1290
Temp Rating: -40° to 90°C (-5° to 90°C flexing)	**600094**	50	76.2 152.4	250 500	104.8 211.1	230.5 464.5	.51	.020	2.16	.085	27.18	1.070	8452	1900
16 AWG Stranded (190x38) Bare Copper • 85% Tinned Copper Braid Shield (Color Code: Red w/numbers + Green/Yellow ground)														
PVC Insulation • PVC Inner Jacket • Orange Oil- and Abrasion-resistant PVC Outer Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600095**	2	76.2 152.4	250 500	9.8 19.5	21.5 43.0	.51	.020	Inner: .64 Outer: 1.02	.025 .040	9.53	.375	338	76
	**600096**	4	76.2 152.4	250 500	18.5 35.5	40.8 78.0	.51	.020	Inner: .64 Outer: 1.02	.025 .040	10.67	.420	685	154
Temp Rating: -40° to 90°C (-5° to 90°C flexing)														

*Based on proper installation techniques in a C-track cable guide.

Innovcable Eternity® Flexible Automation Cable

600V C-TC+ Control Cables for Extreme Flexing (9 Million Flex Cycles*)

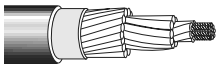
Description	Part No.	No. of Cond.	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Maximum Pull Tension	
			m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	mm	Inch	N	Lbs.
14 AWG Stranded (266x38) Bare Copper • Unshielded (Color Code: Red w/numbers + Green/Yellow ground)														
PVC Insulation • Orange Oil- and Abrasion-resistant PVC Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600097**	4	76.2 152.4	250 500	17.7 33.9	39.0 74.5	.64	.025	1.27	.050	10.92	.430	943	212
 Temp Rating: -40° to 90°C (-5° to 90°C flexing)	**600098**	25	76.2 152.4	250 500	112.2 225.0	246.8 495.0	.64	.025	2.29	.090	25.40	1.000	5916	1330
14 AWG Stranded (266x38) Bare Copper • 85% Tinned Copper Braid Shield (Color Code: Red w/numbers + Green/Yellow ground)														
PVC Insulation • PVC Inner Jacket • Orange Oil- and Abrasion-resistant PVC Outer Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600099**	4	76.2 152.4	250 500	33.6 65.9	74.0 145.0	.64	.025	Inner: .64 Outer: 1.14	.025 .045	12.70	.500	1103	248
 Temp Rating: -40° to 90°C (-5° to 90°C flexing)	**600100**	18	76.2 152.4	250 500	92.7 183.2	204.0 403.0	.64	.025	Inner: .64 Outer: 1.78	.025 .070	22.61	.890	4261	958
12 AWG Stranded (413x38) Bare Copper • Unshielded (Color Code: Red w/numbers + Green/Yellow ground)														
PVC Insulation • Orange Oil- and Abrasion-resistant PVC Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600101**	4	76.2 152.4 304.8	250 500 1000	33.0 66.4 131.8	72.5 146.0 290.0	.76	.030	1.91	.075	13.84	.545	1218	274
 Temp Rating: -40° to 90°C (-5° to 90°C flexing)														
10 AWG Stranded (658x38) Bare Copper • Unshielded (Color Code: Red w/numbers + Green/Yellow ground)														
PVC Insulation • Orange Oil- and Abrasion-resistant PVC Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600102**	4	76.2 152.4	250 500	35.6 71.1	78.3 156.5	.76	.030	1.91	.075	15.37	.605	2331	527
 Temp Rating: -40° to 90°C (-5° to 90°C flexing)														

*Based on proper installation techniques in a C-track cable guide.

Innovcable Eternity® Flexible Automation Cable

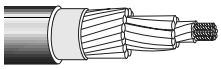
600V C-TC+ Control Cables for Extreme Flexing (9 Million Flex Cycles*)

Description	Part No.	No. of Cond.	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Maximum Pull Tension	
			m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	mm	Inch	N	Lbs.
6 AWG Stranded (665x34) Bare Copper • Unshielded (Color Code: Red w/numbers + Green/Yellow ground)														
PVC Insulation • Orange Oil- and Abrasion-resistant PVC Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600103**	3	76.2 152.4	250 500	60.8 120.9	133.8 266.0	1.52	.060	1.91	.075	20.96	.825	4893	1100



Temp Rating: -40° to 90°C
(-5° to 90°C flexing)

2 AWG Stranded (1666x34) Bare Copper • Unshielded (Color Code: Red w/numbers + Green/Yellow ground)														
PVC Insulation • Orange Oil- and Abrasion-resistant PVC Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600104**	3	76.2	250	152.2	334.8	1.78	.070	2.54	.100	29.46	1.160	11,117	2499

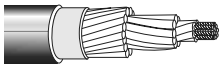
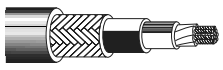


Temp Rating: -40° to 90°C
(-5° to 90°C flexing)

*Based on proper installation techniques in a C-track cable guide.

Innovcable Eternity® Flexible Automation Cable

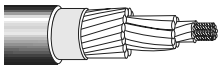
600V FCC Control Cables for Moderate Flexing (1 Million Flex Cycles*)

Description	Part No.	No. of Cond.	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Maximum Pull Tension	
			m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	mm	Inch	N	Lbs.
20 AWG Stranded (10x30) Bare Copper • Unshielded (Color Code: Black w/numbers + Green/Yellow ground)														
PVC Insulation • Gray Oil- and Abrasion-resistant PVC Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600105**	2	76.2 152.4 304.8	250 500 1000	5.0 11.4 20.0	11.0 25.0 44.0	.56	.022	1.02	.040	6.10	.240	115	26
	**600106**	3	76.2 152.4 304.8	250 500 1000	5.9 13.6 26.8	13.0 30.0 59.0	.56	.022	1.02	.040	6.35	.250	173	39
	600107	4	76.2 152.4 304.8	250 500 1000	6.8 15.0 29.1	15.0 33.0 64.0	.56	.022	1.02	.040	6.99	.275	231	52
	600108	5	76.2 152.4 304.8	250 500 1000	8.0 17.3 32.7	17.5 38.0 72.0	.56	.022	1.02	.040	7.62	.300	289	65
	600109	7	76.2 152.4 304.8	250 500 1000	10.0 20.2 39.1	22.0 44.5 86.0	.56	.022	1.02	.040	8.76	.345	404	91
	600110	9	76.2 152.4 304.8	250 500 1000	13.4 32.5 65.5	29.5 71.5 144.0	.56	.022	1.35	.053	10.41	.410	520	117
	600111	12	76.2 152.4 304.8	250 500 1000	14.0 40.2 80.5	30.8 88.5 177.0	.56	.022	1.35	.053	10.67	.420	693	156
	600112	18	76.2 152.4	250 500	24.3 47.3	53.5 104.0	.56	.022	1.35	.053	12.70	.500	1040	234
Temp Rating: -40° to 90°C (-5° to 90°C flexing)	**600113**	25	76.2 152.4	250 500	29.7 59.3	65.3 130.5	.56	.022	1.65	.065	15.62	.615	1445	325
20 AWG Stranded (10x30) Bare Copper • 85% Tinned Copper Braid Shield (Color Code: Black w/numbers + Green/Yellow ground)														
PVC Insulation • PVC Inner Jacket • Gray Oil- and Abrasion-resistant PVC Outer Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600114**	3	76.2 152.4 304.8	250 500 1000	12.6 24.5 47.7	27.8 54.0 105.0	.56	.022	Inner: .64 Outer: .89	.025 .035	8.13	.320	200	45
	**600115**	4	76.2 152.4	250 500	14.9 29.1	32.8 64.0	.56	.022	Inner: .64 Outer: .89	.025 .035	8.38	.330	231	52
	600116	5	76.2 152.4	250 500	15.8 30.9	34.8 68.0	.56	.022	Inner: .64 Outer: .89	.025 .035	9.40	.370	289	65
	600117	7	76.2 152.4	250 500	17.2 32.5	37.8 71.5	.56	.022	Inner: .64 Outer: 1.02	.025 .040	10.67	.420	404	91
Temp Rating: -40° to 90°C (-5° to 90°C flexing)														

*Based on proper installation techniques in a C-track cable guide.

Innovcable Eternity® Flexible Automation Cable

600V FCC Control Cables for Moderate Flexing (1 Million Flex Cycles*)

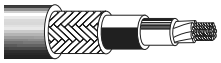
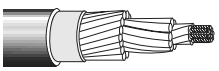
Description	Part No.	No. of Cond.	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Maximum Pull Tension	
			m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	mm	Inch	N	Lbs.
18 AWG Stranded (16x30) Bare Copper • Unshielded (Color Code: Black w/numbers + Green/Yellow ground)														
PVC Insulation • Gray Oil- and Abrasion-resistant PVC Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600118**	2	76.2 152.4 304.8	250 500 1000	6.0 12.0 23.2	13.3 26.5 51.0	.56	.022	1.02	.040	6.71	.264	222	50
	**600119**	3	76.2 152.4 304.8	250 500 1000	7.4 11.4 21.8	16.3 25.0 48.0	.56	.022	1.02	.040	7.11	.280	329	74
	600120	4	76.2 152.4 304.8	250 500 1000	8.5 14.1 26.4	18.8 31.0 58.0	.56	.022	1.02	.040	7.75	.305	435	98
	600121	5	76.2 152.4 304.8	250 500 1000	9.9 16.4 31.4	21.8 36.0 69.0	.56	.022	1.02	.040	8.38	.330	542	122
	600122	7	76.2 152.4 304.8	250 500 1000	12.5 20.9 54.5	27.5 46.0 120.0	.56	.022	1.02	.040	9.78	.385	760	171
	600123	9	76.2 152.4 304.8	250 500 1000	16.6 39.5 79.1	36.5 87.0 174.0	.56	.022	1.27	.050	11.48	.452	978	220
	600124	12	76.2 152.4 304.8	250 500 1000	18.2 34.3 73.2	40.0 75.5 161.0	.56	.022	1.27	.050	12.07	.475	1298	292
	600125	18	76.2 152.4	250 500	25.3 51.1	55.8 112.5	.56	.022	1.27	.050	14.22	.560	1957	440
	600126	25	76.2 152.4	250 500	33.8 67.7	74.3 149.0	.56	.022	1.83	.072	12.68	.696	2313	520
	600127	34	76.2 152.4	250 500	50.6 98.0	111.3 215.5	.56	.022	1.83	.072	20.02	.788	3692	830
	600128	41	76.2 152.4	250 500	67.4 134.1	148.3 295.0	.56	.022	1.91	.075	21.84	.860	4453	1001
	600129	50	76.2	250	84.8	186.5	.56	.022	2.11	.083	23.88	.940	5427	1220

Temp Rating: -40° to 90°C
(-5° to 90°C flexing)

*Based on proper installation techniques in a C-track cable guide.

Innovcable Eternity® Flexible Automation Cable

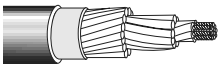
600V FCC Control Cables for Moderate Flexing (1 Million Flex Cycles*)

Description	Part No.	No. of Cond.	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Maximum Pull Tension	
			m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	mm	Inch	N	Lbs.
18 AWG Stranded (16x30) Bare Copper • 85% Tinned Copper Braid Shield (Color Code: Black w/numbers + Green/Yellow ground)														
PVC Insulation • PVC Inner Jacket • Gray Oil- and Abrasion-resistant PVC Outer Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600130**	4	76.2 152.4	250 500	13.2 25.7	29.0 56.5	.56	.022	Inner: .64 Outer: .81	.025 .032	9.27	.365	369	83
	**600131**	7	76.2 152.4	250 500	17.0 33.6	37.5 74.0	.56	.022	Inner: .64 Outer: .89	.025 .035	11.43	.450	645	145
	600132	12	76.2 152.4	250 500	28.0 56.4	61.5 124.0	.56	.022	Inner: .64 Outer: 1.14	.025 .045	13.97	.550	1023	230
	600133	18	76.2 152.4	250 500	37.8 76.8	83.3 169.0	.56	.022	Inner: .64 Outer: 1.40	.025 .055	16.51	.650	1663	374
	600134	25	76.2 152.4	250 500	51.7 103.6	113.8 228.0	.56	.022	Inner: .64 Outer: 1.52	.025 .060	19.43	.765	2313	520
Temp Rating: -40° to 90°C (-5° to 90°C flexing)														
16 AWG Stranded (26x30) Bare Copper • Unshielded (Color Code: Black w/numbers + Green/Yellow ground)														
PVC Insulation • Gray Oil- and Abrasion-resistant PVC Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600135**	2	152.4 304.8	500 1000	15.9 30.9	35.0 68.0	.56	.022	1.02	.040	7.37	.290	311	70
	**600136**	3	76.2 152.4 304.8	250 500 1000	8.5 15.7 29.5	18.8 34.5 65.0	.56	.022	1.02	.040	7.75	.305	467	105
	600137	4	76.2 152.4 304.8	250 500 1000	10.2 18.9 36.4	22.5 41.5 80.0	.56	.022	1.02	.040	8.38	.330	622	140
	600138	5	76.2 152.4 304.8	250 500 1000	12.5 22.5 43.6	27.5 49.5 96.0	.56	.022	1.02	.040	9.14	.360	778	175
	600139	7	76.2 152.4 304.8	250 500 1000	15.9 29.1 58.6	35.0 64.0 129.0	.56	.022	1.02	.040	10.80	.425	1049	236
	600140	9	76.2 152.4 304.8	250 500 1000	23.0 43.2 86.4	50.5 95.0 190.0	.56	.022	1.52	.060	13.72	.540	1352	304
	600141	12	76.2 152.4 304.8	250 500 1000	25.1 51.8 100.0	55.3 114.0 220.0	.56	.022	1.65	.065	14.35	.565	1801	405
	600142	18	76.2 152.4	250 500	35.9 71.8	79.0 158.0	.56	.022	1.65	.065	16.51	.650	2704	608
	600143	25	76.2 152.4	250 500	49.5 99.3	109.0 218.5	.56	.022	1.52	.060	19.05	.750	3892	875
Temp Rating: -40° to 90°C (-5° to 90°C flexing)	**600144**	34	76.2 152.4	250 500	77.8 155.0	171.3 341.0	.56	.022	1.91	.075	22.30	.878	5093	1145

*Based on proper installation techniques in a C-track cable guide.

Innovcable Eternity® Flexible Automation Cable

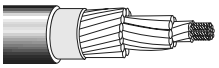
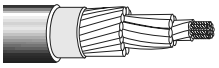
600V FCC Control Cables for Moderate Flexing (1 Million Flex Cycles*)

Description	Part No.	No. of Cond.	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Maximum Pull Tension	
			m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	mm	Inch	N	Lbs.
16 AWG Stranded (26x30) Bare Copper • 85% Tinned Copper Braid Shield (Color Code: Black w/numbers + Green/Yellow ground)														
PVC Insulation • PVC Inner Jacket • Gray Oil- and Abrasion-resistant PVC Outer Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600145**	3	76.2 152.4	250 500	13.9 27.0	30.5 59.5	.56	.022	Inner: .64 Outer: .81	.025 .032	9.40	.370	467	105
	**600146**	4	76.2 152.4	250 500	16.4 30.9	36.0 68.0	.56	.022	Inner: .64 Outer: .89	.025 .035	10.16	.400	622	140
	600147	12	76.2 152.4	250 500	37.2 74.8	81.8 164.5	.56	.022	Inner: .64 Outer: 1.52	.025 .060	16.00	.630	1868	420
	600148	18	76.2 152.4	250 500	54.1 108.4	119.0 238.5	.56	.022	Inner: .64 Outer: 1.78	.025 .070	18.80	.740	2802	630
Temp Rating: -40° to 90°C (-5° to 90°C flexing)														
14 AWG Stranded (41x30) Bare Copper • Unshielded (Color Code: Black w/numbers + Green/Yellow ground)														
PVC Insulation • Gray Oil- and Abrasion-resistant PVC Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600149**	2	76.2 152.4 304.8	250 500 1000	15.5 30.2 41.8	34.0 66.5 92.0	.58	.023	1.14	.045	8.51	.335	894	201
	**600150**	3	76.2 152.4 304.8	250 500 1000	18.1 35.7 44.5	39.8 78.5 98.0	.58	.023	1.14	.045	8.89	.350	894	201
	600151	4	76.2 152.4 304.8	250 500 1000	22.4 43.2 59.5	49.3 95.0 131.0	.58	.023	1.27	.050	10.03	.395	894	201
	600152	7	76.2 152.4 304.8	250 500 1000	34.0 68.4 91.8	74.8 150.5 202.0	.58	.023	1.52	.060	13.34	.525	1659	373
	600153	9	76.2 152.4 304.8	250 500 1000	50.3 101.4 151.8	110.8 223.0 334.0	.58	.023	1.78	.070	15.75	.620	2135	480
	600154	12	76.2 152.4 304.8	250 500 1000	64.8 129.8 194.1	142.5 285.5 427.0	.58	.023	1.91	.075	16.76	.660	2847	640
Temp Rating: -40° to 90°C (-5° to 90°C flexing)	**600155**	25	76.2 152.4	250 500	101.7 206.6	223.8 454.5	.58	.023	2.29	.090	23.62	.930	5947	1337
14 AWG Stranded (41x30) Bare Copper • 85% Tinned Copper Braid Shield (Color Code: Black w/numbers + Green/Yellow ground)														
PVC Insulation • PVC Inner Jacket • Gray Oil- and Abrasion-resistant PVC Outer Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600156**	4	76.2 152.4	250 500	22.4 43.2	49.3 95.0	.58	.023	Inner: .64 Outer: 1.40	.025 .055	12.24	.482	943	212
	600157	7	76.2 152.4	250 500	34.0 68.4	74.8 150.5	.58	.023	Inner: .64 Outer: 1.52	.025 .060	14.30	.563	1650	371
Temp Rating: -40° to 90°C (-5° to 90°C flexing)														

*Based on proper installation techniques in a C-track cable guide.

Innovcable Eternity® Flexible Automation Cable

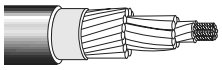
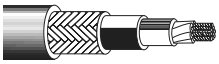
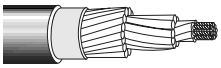
600V FCC Control Cables for Moderate Flexing (1 Million Flex Cycles*)

Description	Part No.	No. of Cond.	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Maximum Pull Tension	
			m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	mm	Inch	N	Lbs.
12 AWG Stranded (65x30) Bare Copper • Unshielded (Color Code: Black w/numbers + Green/Yellow ground)														
PVC Insulation • Gray Oil- and Abrasion-resistant PVC Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600158**	3	76.2 152.4	250 500	24.3 47.0	53.5 103.5	.71	.028	1.52	.060	11.43	.450	1125	253
 Temp Rating: -40° to 90°C (-5° to 90°C flexing)	**600159**	4	76.2 152.4	250 500	28.9 56.4	63.5 124.0	.71	.028	1.78	.070	12.83	.505	1503	338
12 AWG Stranded (65x30) Bare Copper • 85% Tinned Copper Braid Shield (Color Code: Black w/numbers + Green/Yellow ground)														
PVC Insulation • PVC Inner Jacket • Gray Oil- and Abrasion-resistant PVC Outer Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600160**	4	76.2 152.4	250 500	39.0 78.0	85.8 171.5	.71	.028	Inner: .76 Outer: 1.78	.030 .070	14.73	.580	1503	338
 Temp Rating: -40° to 90°C (-5° to 90°C flexing)														
10 AWG Stranded (105x30) Bare Copper • Unshielded (Color Code: Black w/numbers + Green/Yellow ground)														
PVC Insulation • Gray Oil- and Abrasion-resistant PVC Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600161**	4	76.2 152.4	250 500	32.2 64.8	70.8 142.5	.76	.030	1.78	.070	14.48	.570	3014	672
 Temp Rating: -40° to 90°C (-5° to 90°C flexing)														
10 AWG Stranded (105x30) Bare Copper • 85% Tinned Copper Braid Shield (Color Code: Black w/numbers + Green/Yellow ground)														
PVC Insulation • PVC Inner Jacket • Gray Oil- and Abrasion-resistant PVC Outer Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600162**	4	76.2 152.4	250 500	42.2 84.3	92.8 185.5	.76	.030	Inner: .89 Outer: 1.65	.035 .065	16.76	.660	2428	546
 Temp Rating: -40° to 90°C (-5° to 90°C flexing)														

*Based on proper installation techniques in a C-track cable guide.

Innovcable Eternity® Flexible Automation Cable

600V FCC Control Cables for Moderate Flexing (1 Million Flex Cycles*)

Description	Part No.	No. of Cond.	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Maximum Pull Tension	
			m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	mm	Inch	N	Lbs.
8 AWG Stranded (168x30) Bare Copper • Unshielded (Color Code: Black w/numbers + Green/Yellow ground)														
PVC Insulation • Gray Oil- and Abrasion-resistant PVC Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600163**	3	76.2	250	46.4	102.0	1.14	.045	1.78	.070	16.64	.655	3069	690
			152.4	500	74.1	163.0								
	**600164**	4	76.2	250	51.7	113.8	1.14	.045	1.78	.070	18.16	.715	4092	920
			152.4	500	103.6	228.0								
Temp Rating: -40° to 90°C (-5° to 90°C flexing)														
8 AWG Stranded (168x30) Bare Copper • 85% Tinned Copper Braid Shield (Color Code: Black w/numbers + Green/Yellow ground)														
PVC Insulation • PVC Inner Jacket • Gray Oil- and Abrasion-resistant PVC Outer Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600165**	4	76.2	250	64.2	141.3	1.14	.045	Inner: 1.02	.040	20.70	.815	3879	872
			152.4	500	127.7	281.0			Outer: 1.65	.065				
Temp Rating: -40° to 90°C (-5° to 90°C flexing)														
6 AWG Stranded (266x30) Bare Copper • Unshielded (Color Code: Black w/numbers + Green/Yellow ground)														
PVC Insulation • Gray Oil- and Abrasion-resistant PVC Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	**600166**	4	76.2	250	84.1	185.0	1.52	.060	2.16	.085	23.50	.925	6548	1472
														
Temp Rating: -40° to 90°C (-5° to 90°C flexing)														

*Based on proper installation techniques in a C-track cable guide.

Innovcable Eternity® Flexible Automation Cable

300V Flex Data Cables (1 Million Flex Cycles*)

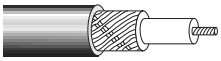
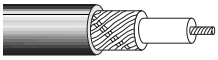
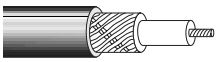
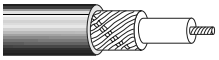
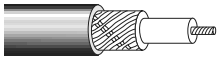
Description	Part No.	No. of Pairs	RS Type	Color Code	Standard Lengths		Standard Unit Weight		Nominal OD		Maximum Capacitance		Nom. Imped. (Ω)
					m	Ft.	kg	Lbs.	mm	Inch	pF/m	pF/Ft.	
Flex Data • 24 AWG Stranded (41x40) Bare Copper • Twisted Pairs • Overall 100% Enerfoil® + 85% TC Braid Shield • Drain Wire†													
Foam Polyethylene Insulation with Skin • Bright Green Oil-resistant PVC Jacket													
300V 80°C 	**600167**	1	232 485	White, Blue	152.4 304.8	500 1000	9.3 18.2	20.5 40.0	6.10	.240	49.2	15.0	120
	600168	2	232 485	See Chart 5 (Tech Info Section)	152.4 304.8	500 1000	11.8 21.8	26.0 48.0	8.18	.322	49.2	15.0	120
	600169	3	232 485	See Chart 5 (Tech Info Section)	152.4 304.8	500 1000	12.5 23.6	27.5 52.0	8.81	.347	49.2	15.0	120
	600170	4	232 485	See Chart 5 (Tech Info Section)	152.4 304.8	500 1000	13.6 26.8	30.0 59.0	9.45	.372	49.2	15.0	120
	600171	1	232 422	White, Blue	152.4 304.8	500 1000	8.9 16.8	19.5 37.0	5.89	.232	45.9	14.0	100
	600172	1	232 485	White, Blue	152.4 304.8	500 1000	15.9 30.5	35.0 67.0	7.67	.302	32.8	10.0	150

Temp Rating: -20° to 80°C
(-5° to 90°C flexing)

TC = Tinned Copper
* Based on proper installation techniques in a C-track cable guide.
† 24 AWG stranded (41x40) tinned copper drain wire.

Innovcable Eternity® Flexible Automation Cable

75 Ohm Flex Vision Coax Cables (1 Million Flex Cycles*)

Description	Part No.	Standard lengths		Standard Unit Weight		Nominal DCR		Nominal Core OD		Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
		m	Ft.	kg	Lbs.	Cond.	Shield	mm	Inch	mm	Inch			pF/m	pF/Ft.	MHz	dB/ 100 m	dB/ 100 Ft.
Sub-Mini Type • 30 AWG Stranded (7x38) Tinned Cadmium Bronze • 95% Tinned Copper "French Braid" Shield																		
Foam Polyethylene Insulation • Electric Blue Enerflex® Jacket																		
UL AWM	**600173**	76.2	250	1.4	3.0	108.0Ω/M'	13.3Ω/M'	1.42	.056	2.79	.110	75	78%	54.8	16.7	2.2	.03	.9
Style 1354		152.4	500	2.0	4.5	354.0Ω/km	43.6Ω/km									5	.05	1.4
30V 80°C		304.8	1000	4.1	9.0											10	.07	2.0
CSA AWM I/II A/B																30	.11	3.4
																50	.14	4.4
																100	.21	6.4
Mini Type • 25 AWG Stranded (19x38) Bare Copper • 95% Tinned Copper "French Braid" Shield																		
Foam Polyethylene Insulation • Electric Blue Enerflex Jacket																		
UL AWM	**600174**	76.2	250	1.8	4.0	35.0Ω/M'	9.1Ω/M'	2.29	.090	3.71	.146	75	77%	58.1	17.7	2.2	.02	.6
Style 1354		152.4	500	3.4	7.5	114.8Ω/km	29.9Ω/km									5	.03	.9
30V 80°C		304.8	1000	6.4	14.0											10	.04	1.3
CSA AWM I/II A/B																30	.07	2.2
																50	.10	2.9
																100	.14	4.2
RG-59 Type • 22 AWG Stranded (19x34) Bare Copper • 95% Tinned Copper "French Braid" Shield																		
Foam Polyethylene Insulation • Electric Blue Enerflex Jacket																		
UL AWM	**600175**	76.2	250	4.8	10.5	13.4Ω/M'	6.4Ω/M'	3.71	.146	6.15	.242	75	79%	59.1	18.0	2.2	.01	.4
Style 1354		152.4	500	8.2	18.0	44.0Ω/km	21.0Ω/km									5	.02	.5
30V 80°C		304.8	1000	15.5	34.0											10	.03	.8
CSA AWM I/II A/B																30	.05	1.4
																50	.06	1.8
																100	.09	2.7
RG-6/U Type • 20 AWG Stranded (7x15x40) Bare Copper • 95% Tinned Copper "French Braid" Shield																		
Foam Polyethylene Insulation • Electric Blue Enerflex Jacket																		
UL AWM	**600176**	76.2	250	5.5	12.0	8.1Ω/M'	11.0Ω/M'	4.70	.185	6.99	.275	75	80%	56.8	17.3	2.2	.01	.3
Style 1354		152.4	500	9.5	21.0	26.6Ω/km	36.1Ω/km									5	.01	.4
30V 80°C		304.8	1000	18.2	40.0											10	.02	.6
CSA AWM I/II A/B																30	.04	1.1
																50	.05	1.5
																100	.07	2.2
RG-11 Type • 16 AWG Stranded (7x37x40) Bare Copper • 95% Tinned Copper "French Braid" Shield																		
Foam Polyethylene Insulation • Electric Blue Enerflex Jacket																		
UL AWM	**600177**	76.2	250	9.9	21.8	3.5Ω/M'	3.6Ω/M'	7.24	.285	10.29	.405	75	81%	56.8	17.3	2.2	.01	.2
Style 1354		152.4	500	19.3	42.5	11.5Ω/km	11.8Ω/km									5	.01	.3
30V 80°C		304.8	1000	38.2	84.0											10	.01	.4
CSA AWM I/II A/B																30	.03	.8
																50	.03	1.0
																100	.05	1.5

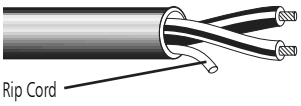
DCR = DC Resistance

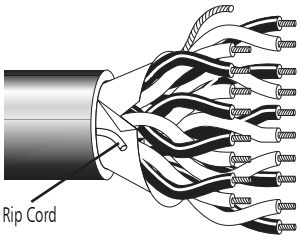
*Based on proper installation techniques in a C-track cable guide.

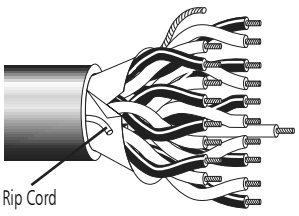
Instrumentation Cable

300V Power-Limited Tray Cables

Description	Part No.	No. of Pairs/ Triads	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
22 AWG Pairs Stranded (7x30) Tinned Copper • Twisted Pairs															
Unshielded • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600178**	1	E2	U-152.4 U-304.8	U-500 U-1000	4.3 8.2	9.5 18.0	.94	.037	5.03	.198	84	19	50.80	2.00
Overall 100% Enerfoil® Shield • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600179**	1	E2	U-152.4 U-304.8	U-500 U-1000	5.0 10.0	11.0 22.0	.94	.037	5.08	.200	124	28	50.80	2.00
	600180	2	E2	152.4 304.8	500 1000	9.5 19.1	21.0 42.0	1.07	.042	7.82	.308	204	46	76.20	3.00
	600181	3	E2	152.4 304.8	500 1000	11.6 23.2	25.5 51.0	1.07	.042	8.23	.324	280	63	82.55	3.25
	600182	4	E2	152.4 304.8	500 1000	14.8 30.5	32.5 67.0	1.07	.042	9.04	.356	355	80	88.90	3.50
	600183	6	E2	152.4 304.8	500 1000	20.7 42.7	45.5 94.0	1.35	.053	10.62	.418	524	118	107.95	4.25
	600184	9	E2	152.4 304.8	500 1000	29.3 55.0	64.5 121.0	1.35	.053	11.53	.454	765	172	120.65	4.75
	600185	11	E2	152.4 304.8	500 1000	32.7 66.4	72.0 146.0	1.35	.053	12.85	.506	889	200	135.89	5.35
	600186	15	E2	152.4 304.8	500 1000	40.7 80.9	89.5 178.0	1.35	.053	15.09	.594	1245	280	152.40	6.00
	600187	19	E2	152.4 304.8	500 1000	52.0 101.8	114.5 224.0	1.60	.063	16.36	.644	1557	350	160.78	6.33
	600188	27	E2	152.4 304.8	500 1000	71.1 145.9	156.5 321.0	1.60	.063	19.38	.763	2224	500	190.50	7.50
	600189	51	E2	304.8	1000	257.7	567.0	1.88	.074	25.83	1.017	4168	937	241.30	9.50
22 AWG Pairs Stranded (7x30) Bare Copper* • Twisted Pairs															
Overall 100% Enerfoil Shield • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG	**600190**	2	E1	Bulk	Bulk	—	—	1.09	.043	7.87	.310	204	46	76.20	3.00
CEC: CMG FT4	**600191**	4	E1	Bulk	Bulk	—	—	1.07	.042	8.92	.351	355	80	88.90	3.50
	600192	8	E1	Bulk	Bulk	—	—	1.35	.053	11.53	.454	765	172	120.65	4.75
	600193	12	E1	Bulk	Bulk	—	—	1.35	.053	13.61	.536	934	210	127.00	5.00
	600194	16	E1	Bulk	Bulk	—	—	1.35	.053	15.09	.594	1290	290	152.40	6.00
	600195	24	E1	Bulk	Bulk	—	—	1.65	.065	19.02	.749	1957	440	190.50	7.50
	600196	50	E1	Bulk	Bulk	—	—	1.91	.075	24.13	.950	4070	915	241.30	9.50



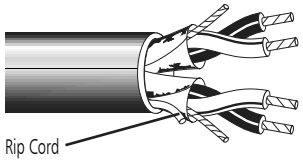
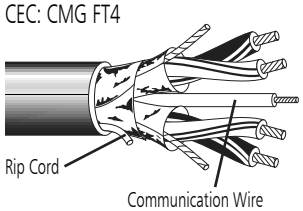
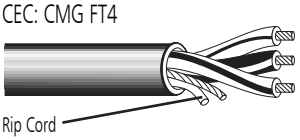
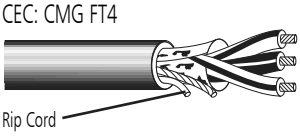




F-R = Flame-retardant
*For tinned copper conductors, order with B suffix.
E1, E2 = Refer to Industrial Technical Information section for color code. Alternate color coding available upon request.
Multiple pair or triad cables have each pair/triad numbered for ease of identification.
Bulk = Non-stocked item. Specify length, 1 piece per reel.

Instrumentation Cable

300V Power-Limited Tray Cables

Description	Part No.	No. of Pairs/ Triads	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
22 AWG Pairs Stranded (7x30) Tinned Copper • Twisted Pairs (continued)															
Individually Shielded • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600197**	2	E2	152.4 304.8	500 1000	10.2 20.9	22.5 46.0	1.07	.042	8.20	.323	240	54	76.20	3.00
 Rip Cord	**600198**	3	E2	152.4 304.8	500 1000	13.2 27.3	29.0 60.0	1.07	.042	8.66	.341	240	54	88.90	3.50
	600199	4	E2	152.4 304.8	500 1000	16.8 32.7	37.0 72.0	1.07	.042	9.45	.372	289	65	88.90	3.50
	600200	6	E2	152.4 304.8	500 1000	24.5 49.1	54.0 108.0	1.35	.053	11.61	.457	449	101	109.98	4.33
	600201	9	E2	152.4 304.8	500 1000	34.1 65.9	75.0 145.0	1.35	.053	13.46	.530	711	160	127.00	5.00
	600202	11	E2	152.4 304.8	500 1000	40.5 80.5	89.0 177.0	1.35	.053	15.04	.592	711	160	139.70	5.50
	600203	19	E2	152.4 304.8	500 1000	64.3 130.5	141.5 287.0	1.60	.063	18.06	.711	1174	264	165.10	6.50
	600204	51	E2	152.4 304.8	500 1000	178.4 336.8	392.5 741.0	1.88	.074	28.75	1.132	2927	658	254.00	10.00
22 AWG Pairs Stranded (7x30) Bare Copper* • Twisted Pairs															
Individually Shielded + Overall 100% Enerfoil® Shield • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG	**600205**	2	E1	Bulk	Bulk	—	—	1.07	.042	8.23	.324	240	54	82.55	3.25
CEC: CMG FT4	**600206**	4	E1	Bulk	Bulk	—	—	1.09	.043	9.14	.360	511	115	88.90	3.50
	600207	8	E1	Bulk	Bulk	—	—	1.35	.053	12.62	.497	1112	250	133.35	5.25
 Rip Cord Communication Wire	**600208**	12	E1	Bulk	Bulk	—	—	1.35	.053	14.48	.570	1334	300	146.05	5.75
	600209	16	E1	Bulk	Bulk	—	—	1.63	.064	17.12	.674	1557	350	158.75	6.25
	600210	24	E1	Bulk	Bulk	—	—	1.65	.065	20.32	.800	2402	540	203.20	8.00
	600211	50	E1	Bulk	Bulk	—	—	1.91	.075	26.67	1.050	5916	1330	266.70	10.50
22 AWG Triads Stranded (7x30) Tinned Copper • Twisted Triads															
Unshielded • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600212**	1	E1	U-152.4 U-304.8	U-500 U-1000	5.5 10.9	12.0 24.0	.94	.037	5.28	.208	129	29	50.80	2.00
 Rip Cord															
Overall 100% Enerfoil Shield • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600213**	1	E1	U-152.4 U-304.8	U-500 U-1000	6.1 11.8	13.5 26.0	.94	.037	5.33	.210	129	29	50.80	2.00
 Rip Cord															

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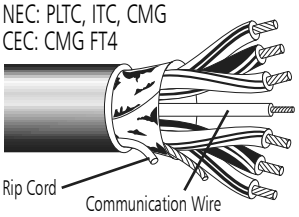
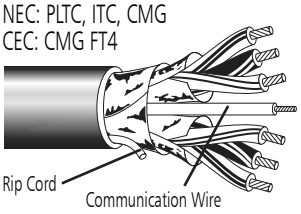
Multiple pair or triad cables have each pair/triad numbered for ease of identification.
Bulk = Non-stocked item. Specify length, 1 piece per reel.

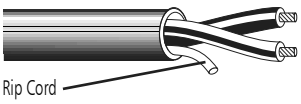
Instrumentation Cable

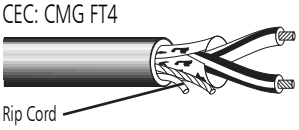
300V Power-Limited Tray Cables

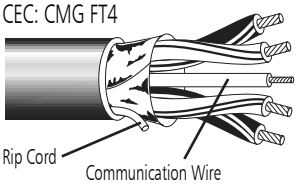
Description	Part No.	No. of Pairs/ Triads	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
22 AWG Triads Stranded (7x30) Bare Copper* • Twisted Triads															
Overall 100% Enerfoil Shield • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600214**	2	E1	Bulk	Bulk	—	—	1.09	.043	8.38	.330	275	62	88.90	3.50
Individually Shielded + Overall 100% Enerfoil Shield • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600215**	2	E1	Bulk	Bulk	—	—	1.09	.043	8.38	.330	364	82	82.55	3.25
20 AWG Pairs Stranded (19x32) Tinned Copper • Twisted Pairs															
Unshielded • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600216**	1	E2	U-152.4 U-304.8	U-500 U-1000	5.5 10.5	12.0 23.0	.94	.037	5.44	.214	138	31	50.80	2.00
Overall 100% Enerfoil® Shield • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600217**	1	E2	U-152.4 U-304.8	U-500 U-1000	6.1 11.8	13.5 26.0	.94	.037	5.51	.217	178	40	50.80	2.00
20 AWG Pairs Stranded (7x28) Bare Copper* • Twisted Pairs															
Overall 100% Enerfoil Shield • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600218**	1	E1	304.8 3048.0	1000 10000	13.2 136.4	29.0 300.0	.94	.037	5.41	.213	187	42	57.15	2.25
	600219	2	E1	Bulk	Bulk	—	—	1.07	.042	8.43	.332	409	92	95.25	3.75
	600220	4	E1	3048.0	10000	440.9	970.0	1.35	.053	10.36	.408	601	135	107.95	4.25
	600221	8	E1	3048.0	10000	640.9	1410.0	1.35	.053	11.99	.472	1099	247	127.00	5.00
	600222	12	E1	2286.0	7500	698.9	1537.5	1.35	.053	14.33	.564	1597	359	152.40	6.00
	600223	16	E1	1524.0	5000	579.5	1275.0	1.63	.064	16.48	.649	2095	471	165.10	6.50
	600224	24	E1	1524.0	5000	788.6	1735.0	1.63	.064	19.96	.786	3092	695	209.55	8.25
	600225	36	E1	762.0	2500	612.5	1347.5	1.88	.074	24.38	.960	4587	1031	254.00	10.00
	600226	50	E1	762.0	2500	829.5	1825.0	1.88	.074	28.37	1.117	6330	1423	292.10	11.50











F-R = Flame-retardant
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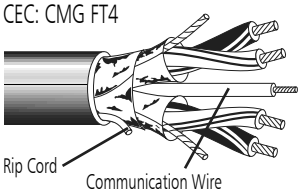
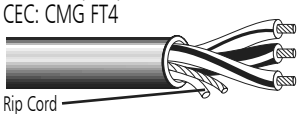
Multiple pair or triad cables have each pair/triad numbered for ease of identification.
Bulk = Non-stocked item. Specify length, 1 piece per reel.

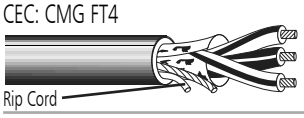
Instrumentation Cable

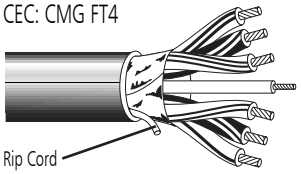
300V Power-Limited Tray Cables

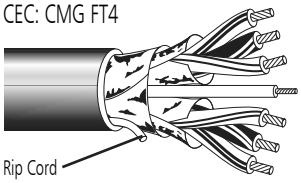
Description	Part No.	No. of Pairs/ Triads	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
20 AWG Pairs Stranded (7x28) Bare Copper* • Twisted Pairs (continued)															
Individually Shielded + Overall 100% Enerfoil Shield • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600227**	2	E1	3048.0	10000	345.5	760.0	1.07	.042	8.56	.337	432	97	95.25	3.75
	600228	4	E1	2286.0	7500	364.8	802.5	1.35	.053	10.44	.411	761	171	114.30	4.50
	600229	8	E1	2286.0	7500	606.8	1335.0	1.35	.053	13.06	.514	1424	320	139.70	5.50
	600230	12	E1	2286.0	7500	913.6	2010.0	1.63	.064	16.18	.637	2082	468	171.45	6.75
	600231	16	E1	1524.0	5000	740.9	1630.0	1.63	.064	17.88	.704	2745	617	190.50	7.50
	600232	20	E1	1524.0	5000	922.7	2030.0	1.63	.064	19.81	.780	3403	765	209.55	8.25
	600233	24	E1	762.0	2500	576.1	1267.5	1.88	.074	21.92	.863	4066	914	228.60	9.00
	600234	36	E1	609.6	2000	652.7	1436.0	1.88	.074	26.29	1.035	6046	1359	266.70	10.50
	600235	50	E1	609.6	2000	844.5	1858.0	1.88	.074	30.86	1.215	8355	1878	323.85	12.75
20 AWG Triads Stranded (19x32) Tinned Copper • Twisted Triads															
Unshielded • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600236**	1	E1	U-152.4 U-304.8	U-500 U-1000	7.0 13.6	15.5 30.0	.94	.037	5.72	.225	205	46	57.15	2.25
Overall 100% Enerfoil® Shield • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600237**	1	E1	U-152.4 U-304.8	U-500 U-1000	8.0 15.5	17.5 34.0	.94	.037	5.79	.228	205	46	57.15	2.25
20 AWG Triads Stranded (7x28) Bare Copper* • Twisted Triads															
Overall 100% Enerfoil Shield • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG	**600238**	1	E1	3048.0	10000	145.5	320.0	.94	.037	5.69	.224	187	42	57.15	2.25
CEC: CMG FT4	**600239**	2	E1	Bulk	Bulk	—	—	1.40	.055	9.65	.380	432	97	101.60	4.00
	600240	4	E1	Bulk	Bulk	—	—	1.40	.055	11.94	.470	774	174	120.65	4.75
	600241	8	E1	Bulk	Bulk	—	—	1.40	.055	14.22	.560	1468	330	127.00	5.00
	600242	12	E1	Bulk	Bulk	—	—	1.68	.066	18.03	.710	2158	485	177.80	7.00
	600243	16	E1	Bulk	Bulk	—	—	1.63	.064	20.85	.821	2669	600	196.85	7.75
	600244	24	E1	Bulk	Bulk	—	—	1.88	.074	26.19	1.031	4093	920	234.95	9.25
Individually Shielded + Overall 100% Enerfoil Shield • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG	**600245**	2	E1	Bulk	Bulk	—	—	1.40	.055	10.67	.420	454	102	107.95	4.25
CEC: CMG FT4	**600246**	4	E1	3048.0	10000	640.9	1410.8	1.35	.053	12.67	.499	1014	228	120.65	4.75
	600247	8	E1	2286.0	7500	842.0	1852.5	1.63	.064	10.81	.575	1922	432	158.75	6.25
	600248	12	E1	1524.0	5000	802.3	1765.0	1.63	.064	18.14	.714	2829	636	196.85	7.75
	600249	16	E1	1524.0	5000	995.5	2190.0	1.63	.064	20.14	.793	3741	841	215.90	8.50
	600250	20	E1	762.0	2500	737.5	1622.5	1.88	.074	25.30	.996	5561	1250	273.05	10.75
	600251	24	E1	Bulk	Bulk	—	—	1.88	.074	32.82	1.292	6273	1410	330.20	13.00









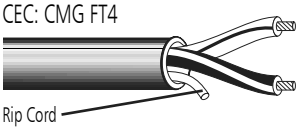


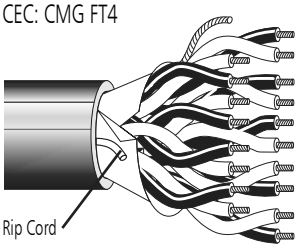
F-R = Flame-retardant
*For tinned copper conductors, order with B suffix.
E1 = Refer to Industrial Technical Information section for color code. Alternate color coding available upon request.
Multiple pair or triad cables have each pair/triad numbered for ease of identification.
Bulk = Non-stocked item. Specify length, 1 piece per reel.

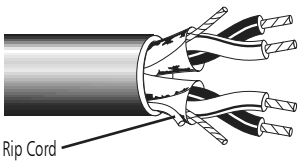
Instrumentation Cable

300V Power-Limited Tray Cables

Description	Part No.	No. of Pairs/ Triads	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
18 AWG Pairs Stranded (19x30) Tinned Copper • Twisted Pairs															
Unshielded • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600252**	1	E2	U-152.4	U-500	6.6	14.5	.94	.037	5.84	.230	218	49	57.15	2.25
Overall 100% Enerfoil® Shield • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600253**	1	E2	U-152.4 U-304.8	U-500 U-1000	8.2 15.9	18.0 35.0	.94	.037	5.92	.233	267	60	57.15	2.25
	600254	2	E2	152.4 304.8	500 1000	16.1 31.4	35.5 69.0	1.07	.042	9.53	.375	289	65	95.25	3.75
	600255	3	E2	152.4 304.8	500 1000	22.0 43.2	48.5 95.0	1.35	.053	10.67	.420	645	145	107.95	4.25
	600256	4	E2	152.4 304.8	500 1000	25.0 49.5	55.0 109.0	1.35	.053	11.35	.447	832	187	114.30	4.50
	600257	6	E2	152.4 304.8	500 1000	35.7 69.5	78.5 153.0	1.35	.053	12.62	.497	1201	270	127.00	5.00
	600258	9	E2	152.4 304.8	500 1000	48.9 96.8	107.5 213.0	1.35	.053	14.71	.579	1757	395	152.40	6.00
	600259	11	E2	152.4 304.8	500 1000	61.1 124.1	134.5 273.0	1.60	.063	16.89	.665	2126	478	171.45	6.75
	600260	15	E2	152.4 304.8	500 1000	76.8 155.5	169.0 342.0	1.60	.063	18.77	.739	2847	640	190.50	7.50
Individually Shielded • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600261**	2	E2	152.4 304.8	500 1000	17.0 33.2	37.5 73.0	1.07	.042	9.60	.378	556	125	95.25	3.75
	600262	3	E2	152.4 304.8	500 1000	25.0 49.5	55.0 109.0	1.35	.053	10.74	.423	979	220	107.95	4.25
	600263	4	E1	Bulk	Bulk	—	—	1.35	.053	11.71	.461	1317	296	114.30	4.50
	600264	4	E2	152.4 304.8	500 1000	32.5 61.4	71.5 135.0	1.35	.053	11.71	.461	1317	296	114.30	4.50
	600265	6	E2	152.4 304.8	500 1000	44.1 86.4	97.0 190.0	1.35	.053	13.67	.538	1957	440	133.35	5.25
	600266	9	E2	152.4 304.8	500 1000	63.0 123.6	138.5 272.0	1.63	.064	16.56	.652	2963	666	165.10	6.50
	600267	11	E2	152.4 304.8	500 1000	72.0 145.9	158.5 321.0	1.63	.064	18.52	.729	3626	815	184.15	7.25
	600268	15	E2	152.4 304.8	500 1000	95.0 194.5	209.0 428.0	1.63	.064	20.52	.808	4893	1100	203.20	8.00



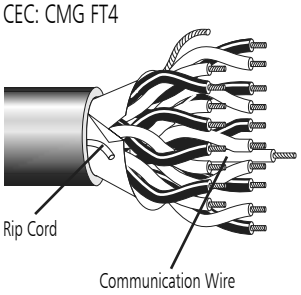
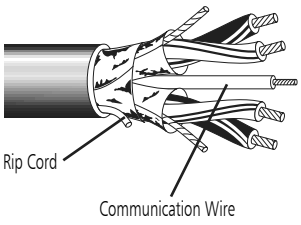




F-R = Flame-retardant
E1, E2 = Refer to Industrial Technical Information section for color code. Alternate color coding available upon request.
Multiple pair or triad cables have each pair/triad numbered for ease of identification.
Bulk = Non-stocked item. Specify length, 1 piece per reel.

Instrumentation Cable

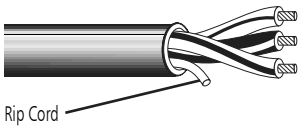
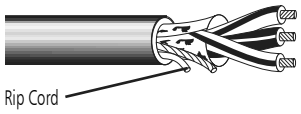
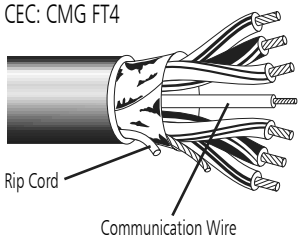
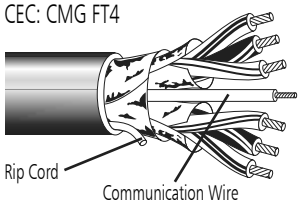
300V Power-Limited Tray Cables

Description	Part No.	No. of Pairs/ Triads	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
18 AWG Pairs Stranded (7x26) Bare Copper • Twisted Pairs															
Overall 100% Enerfoil® Shield • F-R PVC Insulation • F-R PVC Jacket (See page 6.2 for other options)															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600269**	1	E1	304.8 3048.0	1000 10000	17.7 186.4	39.0 410.0	.94	.037	5.92	.233	298	67	63.50	2.50
	**600270**	2	E1	Bulk	Bulk	—	—	1.07	.042	9.53	.375	498	112	88.90	3.50
	600271	3	E1	2286.0	7500	337.5	742.5	1.35	.053	10.54	.415	734	165	107.95	4.25
	600272	4	E1	2286.0	7500	395.5	870.0	1.35	.053	11.48	.452	939	211	114.30	4.50
	600273	8	E1	2286.0	7500	651.1	1432.5	1.35	.053	13.77	.542	1731	389	139.70	5.50
	600274	12	E1	1524.0	5000	1068.2	2350.0	1.63	.064	17.09	.673	2491	560	171.45	6.75
	600275	16	E1	Bulk	Bulk	—	—	1.68	.066	18.75	.738	2847	640	190.50	7.50
	600276	24	E1	762.0	2500	592.0	1302.5	1.88	.074	23.67	.932	4916	1105	234.95	9.25
	600277	36	E1	381.0	1250	413.6	910.0	1.88	.074	26.97	1.062	7296	1640	266.70	10.50
	600278	50	E1	Bulk	Bulk	—	—	1.88	.074	31.50	1.240	10049	2240	323.85	12.75
Individually Shielded + Overall 100% Enerfoil Shield • F-R PVC Insulation • F-R PVC Jacket (See chart for other options)															
NEC: PLTC, ITC, CMG	**600279**	2	E1	2286.0	7500	327.3	720.0	1.35	.053	10.16	.408	663	149	101.60	4.00
CEC: CMG FT4	**600280**	4	E1	2286.0	7500	480.7	1057.5	1.35	.053	11.89	.468	1188	267	120.65	4.75
	**600281**	8	E1	1524.0	5000	538.6	1185.0	1.35	.053	14.99	.590	2229	501	152.40	6.00
	600282	12	E1	1524.0	5000	825.0	1815.0	1.63	.064	18.62	.733	3465	779	184.15	7.25
	600283	16	E1	Bulk	Bulk	—	—	1.63	.064	20.45	.805	3781	850	215.90	8.50
	600284	24	E1	762.0	2500	778.4	1712.5	1.88	.074	25.88	1.019	6406	1440	260.35	10.25
	600285	36	E1	381.0	1250	529.5	1165.0	1.88	.074	29.54	1.163	9556	2148	298.45	11.75
	600286	50	E1	Bulk	Bulk	—	—	2.13	.084	35.28	1.389	13057	2935	355.60	14.00

F-R = Flame-retardant
E1 = Refer to Industrial Technical Information section for color code. Alternate color coding available upon request.
Multiple pair or triad cables have each pair/triad numbered for ease of identification.
Bulk = Non-stocked item. Specify length, 1 piece per reel.

Instrumentation Cable

300V Power-Limited Tray Cables

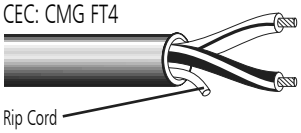
Description	Part No.	No. of Pairs/ Triads	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
18 AWG Triads Stranded (19x30) Tinned Copper • Twisted Triads															
Unshielded • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600287**	1	E1	U-152.4 U-304.8	U-500 U-1000	8.9 17.7	19.5 39.0	.94	.037	6.15	.242	276	62	57.15	2.25
															
Overall 100% Enerfoil® Shield • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600288**	1	E1	U-152.4 U-304.8	U-500 U-1000	10.2 20.0	22.5 44.0	.94	.037	6.22	.245	329	74	63.50	2.50
															
18 AWG Triads Stranded (7x26) Bare Copper • Twisted Triads															
Overall 100% Enerfoil Shield • F-R PVC Insulation • F-R PVC Jacket (See page 6.2 for other options)															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600289**	1	E1	304.8 3048.0	1000 10000	20.9 213.6	46.0 470.0	.94	.037	6.22	.245	400	90	63.50	2.50
	600290	2	E1	Bulk	Bulk	—	—	1.40	.055	10.67	.420	734	165	107.95	4.25
	600291	4	E1	Bulk	Bulk	—	—	1.40	.055	12.70	.500	1068	240	114.30	4.50
	600292	8	E1	Bulk	Bulk	—	—	1.63	.064	16.89	.665	2229	501	146.05	5.75
	600293	16	E1	Bulk	Bulk	—	—	1.96	.077	22.86	.900	4671	1050	228.60	9.00
	600294	24	E1	Bulk	Bulk	—	—	1.96	.077	25.91	1.020	6450	1450	260.35	10.25
															
Individually Shielded + Overall 100% Enerfoil Shield • F-R PVC Insulation • F-R PVC Jacket (See page 6.2 for options)															
NEC: PLTC, ITC, CMG	**600295**	2	E1	Bulk	Bulk	—	—	1.40	.055	11.43	.450	779	175	114.30	4.50
CEC: CMG FT4	**600296**	4	E1	Bulk	Bulk	—	—	1.35	.053	13.03	.513	1134	255	133.35	5.25
	600297	8	E1	Bulk	Bulk	—	—	1.63	.064	17.40	.685	2491	560	165.10	6.50
	600298	12	E1	Bulk	Bulk	—	—	1.60	.063	20.98	.826	3559	800	215.90	8.50
	600299	16	E1	Bulk	Bulk	—	—	1.88	.074	23.88	.940	5872	1320	266.70	10.50
	600300	24	E1	Bulk	Bulk	—	—	1.88	.074	29.41	1.158	7207	1620	285.75	11.25
															

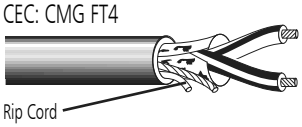
F-R = Flame-retardant
E1 = Refer to Industrial Technical Information section for color code. Alternate color coding available upon request.
Multiple pair or triad cables have each pair/triad numbered for ease of identification.
Bulk = Non-stocked item. Specify length, 1 piece per reel.

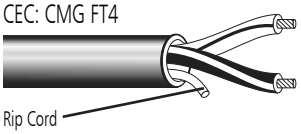
Instrumentation Cable

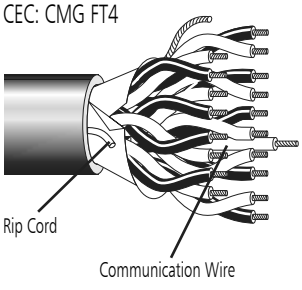
300V Power-Limited Tray Cables

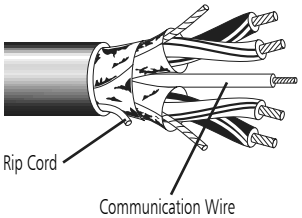
Description	Part No.	No. of Pairs/ Triads	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
16 AWG Pairs Stranded (19x29) Tinned Copper • Twisted Pairs															
Unshielded • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600301**	1	E2	U-152.4 U-304.8	U-500 U-1000	8.6 16.8	19.0 37.0	.94	.037	6.45	.254	267	60	63.50	2.50
Overall 100% Enerfoil® Shield • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600302**	1	E2	U-152.4 U-304.8	U-500 U-1000	9.8 19.5	21.5 43.0	.94	.037	6.50	.256	400	90	63.50	2.50
16 AWG Pairs Stranded (7x24) Bare Copper • Twisted Pairs															
Unshielded • F-R PVC Insulation • F-R PVC Jacket (See chart below for other insulation and jacket options)															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600303**	1	E1	304.8 3048.0	1000 10000	17.3 186.4	38.0 410.0	.94	.037	6.45	.254	320	72	63.50	2.50
Overall 100% Enerfoil Shield • F-R PVC Insulation • F-R PVC Jacket (See page 6.2 for other options)															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600304**	1	E1	304.8 3048.0	1000 10000	20.5 213.6	45.0 470.0	.94	.037	6.53	.257	418	94	63.50	2.50
	600305	2	E1	Bulk	Bulk	—	—	1.35	.053	11.10	.437	836	188	114.30	4.50
	600306	3	E1	2286.0	7500	446.6	982.5	1.35	.053	11.61	.457	1152	259	120.65	4.75
	600307	4	E1	2286.0	7500	545.5	1200.0	1.35	.053	12.57	.495	1468	330	127.00	5.00
	600308	8	E1	2286.0	7500	910.2	2002.5	1.35	.053	15.16	.597	2740	616	152.40	6.00
	600309	12	E1	1524.0	5000	893.2	1965.0	1.63	.064	19.02	.749	4013	902	190.50	7.50
	600310	16	E1	Bulk	Bulk	—	—	1.63	.064	21.29	.838	5281	1187	215.90	8.50
	600311	24	E1	381.0	1250	419.9	923.8	1.88	.074	26.59	1.047	7821	1758	266.70	10.50
	600312	36	E1	381.0	1250	597.2	1313.8	1.88	.074	30.40	1.197	11633	2615	298.45	11.75
	600313	50	E1	Bulk	Bulk	—	—	2.24	.088	39.37	1.550	16082	3615	393.70	15.50
Individually Shielded + Overall 100% Enerfoil Shield • F-R PVC Insulation • F-R PVC Jacket (See page 6.2 for options)															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600314**	2	E1	2286.0	7500	402.3	885.0	1.35	.053	11.43	.450	1032	232	114.30	4.50
	600315	4	E1	2286.0	7500	637.5	1402.5	1.40	.055	13.11	.516	1868	420	127.00	5.00
	600316	8	E1	1524.0	5000	747.7	1645.0	1.68	.066	17.20	.677	3537	795	177.80	7.00
	600317	12	E1	762.0	2500	536.4	1180.0	1.68	.066	20.73	.816	5205	1170	209.55	8.25
	600318	16	E1	Bulk	Bulk	—	—	1.88	.074	23.77	.936	6878	1546	254.00	10.00
	600319	24	E1	381.0	1250	505.1	1111.3	1.88	.074	29.18	1.149	10214	2296	292.10	11.50
	600320	36	E1	381.0	1250	737.5	1622.5	2.13	.084	33.88	1.334	15223	3422	342.90	13.50
	600321	50	E1	Bulk	Bulk	—	—	2.24	.088	40.64	1.600	21064	4735	406.40	16.00









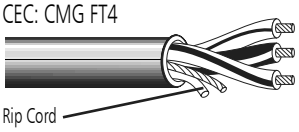


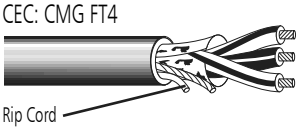
F-R = Flame-retardant
E1, E2 = Refer to Industrial Technical Information section for color code. Alternate color coding available upon request.
Multiple pair or triad cables have each pair/triad numbered for ease of identification.
Bulk = Non-stocked item. Specify length, 1 piece per reel.

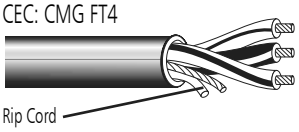
Instrumentation Cable

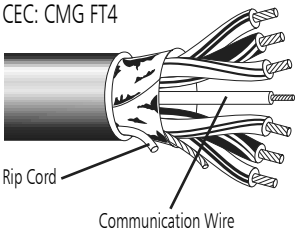
300V Power-Limited Tray Cables

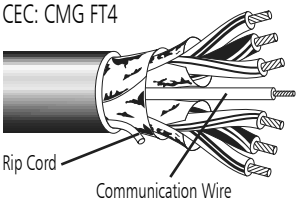
Description	Part No.	No. of Pairs/ Triads	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
16 AWG Triads Stranded (19x29) Tinned Copper • Twisted Triads															
Unshielded • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600322**	1	E1	U-152.4 U-304.8	U-500 U-1000	11.4 22.7	25.0 50.0	.94	.037	6.81	.268	405	91	69.85	2.75
Overall 100% Enerfoil® Shield • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600323**	1	E1	U-152.4 U-304.8	U-500 U-1000	13.2 26.4	29.0 58.0	.94	.037	6.86	.270	516	116	69.85	2.75
16 AWG Triads Stranded (7x24) Bare Copper • Twisted Triads															
Unshielded • F-R PVC Insulation • F-R PVC Jacket (See page 6.2 for other options)															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600324**	1	E1	304.8 1219.2	1000 4000	23.2 92.7	51.0 204.0	.94	.037	6.81	.268	476	107	69.85	2.75
Overall 100% Enerfoil Shield • F-R PVC Insulation • F-R PVC Jacket (See page 6.2 for other options)															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600325**	1	E1	304.8 3048.0	1000 10000	26.4 272.7	58.0 600.0	.94	.037	6.88	.271	578	130	69.85	2.75
	600326	2	E1	Bulk	Bulk	—	—	1.35	.053	12.27	.483	1152	259	120.65	4.75
	600327	4	E1	Bulk	Bulk	—	—	1.35	.053	14.38	.566	2104	473	146.05	5.75
	600328	8	E1	Bulk	Bulk	—	—	1.60	.063	19.15	.754	4013	902	190.50	7.50
	600329	16	E1	Bulk	Bulk	—	—	1.88	.074	26.21	1.032	7821	1758	285.75	11.25
	600330	24	E1	Bulk	Bulk	—	—	1.88	.074	29.82	1.174	11633	2615	298.45	11.75
Individually Shielded + Overall 100% Enerfoil Shield • F-R PVC Insulation • F-R PVC Jacket (See page 6.2 for options)															
NEC: PLTC, ITC, CMG	**600331**	2	E1	Bulk	Bulk	—	—	1.35	.053	12.47	.491	1352	304	127.00	5.00
CEC: CMG FT4	**600332**	4	E1	Bulk	Bulk	—	—	1.35	.053	14.45	.569	2505	563	152.40	6.00
	600333	8	E1	Bulk	Bulk	—	—	1.63	.064	19.41	.764	4809	1081	203.20	8.00
	600334	12	E1	Bulk	Bulk	—	—	1.88	.074	25.35	.998	6673	1500	254.00	10.00
	600335	16	E1	Bulk	Bulk	—	—	1.88	.074	29.01	1.142	9418	2117	292.10	11.50
	600336	24	E1	Bulk	Bulk	—	—	2.13	.084	33.53	1.320	14026	3153	336.55	13.25







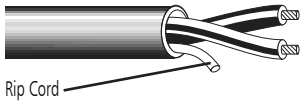
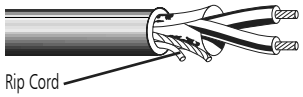
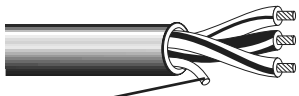
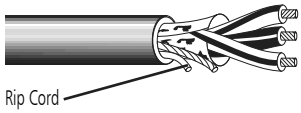




F-R = Flame-retardant
E1 = Refer to Industrial Technical Information section for color code. Alternate color coding available upon request.
Multiple pair or triad cables have each pair/triad numbered for ease of identification.
Bulk = Non-stocked item. Specify length, 1 piece per reel.

Instrumentation Cable

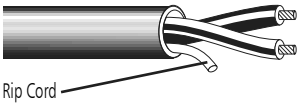
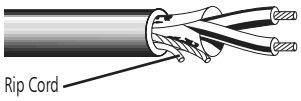
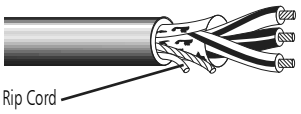
300V Power-Limited Tray Cables

Description	Part No.	No. of Pairs/ Triads	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
14 AWG Pairs Stranded (42x30) Tinned Copper • Twisted Pairs															
Unshielded • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600337**	1	E2	U-152.4 304.8	U-500 1000	13.0 27.3	28.5 60.0	1.07	.042	8.18	.322	552	124	82.55	3.25
 Rip Cord															
Overall 100% Enerfoil® Shield • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600338**	1	E2	U-152.4 304.8	U-500 1000	16.1 32.3	35.5 71.0	1.07	.042	8.23	.324	623	140	82.55	3.25
 Rip Cord															
14 AWG Triads Stranded (42x30) Tinned Copper • Twisted Triads															
Unshielded • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600339**	1	E1	152.4 304.8	500 1000	20.7 41.8	45.5 92.0	1.07	.042	8.64	.340	827	186	88.90	3.50
 Rip Cord															
Overall 100% Enerfoil Shield • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600340**	1	E1	152.4 304.8	500 1000	19.5 40.0	43.0 88.0	1.07	.042	8.71	.343	836	188	88.90	3.50
 Rip Cord															

F-R = Flame-retardant
E1, E2 = Refer to Industrial Technical Information section for color code. Alternate color coding available upon request.

Instrumentation Cable

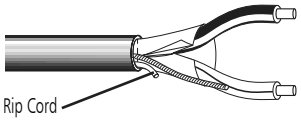
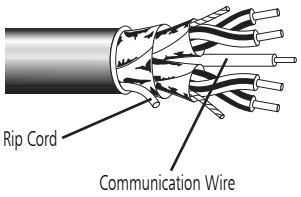
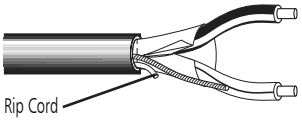
300V Power-Limited Tray Cables

Description	Part No.	No. of Pairs/ Triads	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
12 AWG Pairs Stranded (65x30) Tinned Copper • Twisted Pairs															
Unshielded • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600341**	1	E2	152.4 U-304.8	500 U-1000	18.2 36.4	40.0 80.0	1.07	.042	9.40	.370	876	197	107.95	4.25
 Rip Cord															
Overall 100% Enerfoil® Shield • F-R PVC Insulation • F-R PVC Jacket															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600342**	1	E2	152.4 304.8	500 1000	22.3 43.6	49.0 96.0	1.07	.042	9.47	.373	1001	225	107.95	4.25
 Rip Cord															
12 AWG Triads Stranded (7x20) Bare Copper • Twisted Triads															
Overall 100% Enerfoil Shield • F-R PVC Insulation • F-R PVC Jacket (See page 6.2 for other options)															
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600343**	1	E1	Bulk	Bulk	—	—	1.35	.053	10.57	.416	1401	315	88.90	3.50
 Rip Cord															

F-R = Flame-retardant
E1, E2 = Refer to Industrial Technical Information section for color code. Alternate color coding available upon request.
Bulk = Non-stocked item. Specify length, 1 piece per reel.

Instrumentation Cable

Thermocouple Extension Cables

Description	Part No.	ANSI Type	No. of Pairs	Color Code	Jacket Color	Standard Lengths		Standard Unit Weight		Insulation Thickness		Nominal OD	
						m	Ft.	kg	Lbs.	mm	Inch	mm	Inch
20 AWG Pairs Solid Conductors • (See chart on page 6.2 for conductor specifications by ANSI Type)													
Overall 100% Enerfoil® Shield • PVC Insulation • PVC Jacket													
300V 105°C	**600344**	JX	1	White, Red	Black	1524.0	5000	52.3	115.0	.41	.016	5.23	.206
NEC: PLTC, ITC, CMG	**600345**	JX	4	White, Red	Black	1524.0	5000	186.4	410.0	.41	.016	9.27	.365
CEC: CMG FT4	**600346**	JX	8	White, Red	Black	1524.0	5000	309.1	680.0	.41	.016	11.70	.461
 Rip Cord	**600347**	JX	12	White, Red	Black	1524.0	5000	406.8	895.0	.41	.016	13.99	.551
	600348	KX	1	Yellow, Red	Yellow	1524.0	5000	54.5	120.0	.41	.016	5.23	.206
	600349	KX	8	Yellow, Red	Yellow	1524.0	5000	306.8	675.0	.41	.016	11.70	.461
	600350	TX	1	Blue, Red	Blue	1524.0	5000	52.3	115.0	.41	.016	5.23	.206
Individually Shielded + Overall 100% Enerfoil Shield • PVC Insulation • PVC Jacket													
300V 105°C	**600351**	EX	4	Purple, Red	Purple	1524.0	5000	215.9	475.0	.41	.016	9.73	.383
NEC: PLTC, ITC, CMG	**600352**	JX	2	White, Red	Black	1524.0	5000	143.2	315.0	.41	.016	8.43	.332
CEC: CMG FT4	**600353**	JX	4	White, Red	Black	1524.0	5000	218.2	480.0	.41	.016	9.73	.383
 Rip Cord Communication Wire	**600354**	JX	8	White, Red	Black	1524.0	5000	377.3	830.0	.41	.016	12.78	.503
	600355	JX	12	White, Red	Black	1524.0	5000	525.0	1155.0	.41	.016	15.32	.603
	600356	JX	16	White, Red	Black	1524.0	5000	677.3	1490.0	.41	.016	17.58	.692
	600357	KX	4	Yellow, Red	Yellow	1524.0	5000	240.9	530.0	.41	.016	9.73	.383
	600358	KX	8	Yellow, Red	Yellow	1524.0	5000	375.0	825.0	.41	.016	12.78	.503
	600359	KX	12	Yellow, Red	Yellow	1524.0	5000	543.2	1195.0	.41	.016	15.32	.603
	600360	KX	16	Yellow, Red	Yellow	1524.0	5000	672.7	1480.0	.41	.016	12.58	.692
	600361	KX	24	Yellow, Red	Yellow	1219.2	4000	780.0	1716.0	.41	.016	21.59	.850
	600362	KX	36	Yellow, Red	Yellow	914.4	3000	842.7	1854.0	.41	.016	25.12	.989
	600363	TX	12	Blue, Red	Blue	1219.2	4000	452.7	996.0	.41	.016	15.32	.603
16 AWG Pairs Solid Conductors • (See chart on page 6.2 for conductor specifications by ANSI Type)													
Overall 100% Enerfoil Shield • PVC Insulation • PVC Jacket													
300V 105°C	**600364**	EX	1	Purple, Red	Purple	3048.0	10000	204.5	450.0	.43	.017	6.30	.248
NEC: PLTC, ITC, CMG CEC: CMG FT4	**600365**	JX	1	White, Red	Black	304.8 3048.0	1000 10000	19.1 204.5	42.0 450.0	.43	.017	6.30	.248
 Rip Cord	**600366**	KX	1	Yellow, Red	Yellow	304.8 3048.0	1000 10000	19.1 204.5	42.0 450.0	.43	.017	6.30	.248
	600367	TX	1	Blue, Red	Blue	3048.0	10000	204.5	450.0	.43	.017	6.30	.248

Multiple pair cables have each pair numbered for ease of identification.

Instrumentation Cable

High-Temperature Thermocouple Extension Cables and Thermocouple Wire

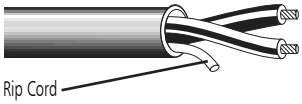
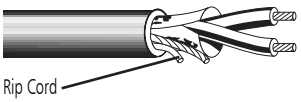
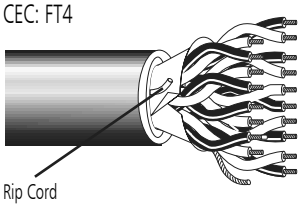
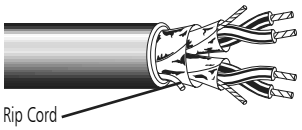
Description	Part No.	ANSI Type	No. of Pairs/ Cond.	Color Code	Jacket Color	Standard Lengths		Standard Unit Weight		Insulation Thickness		Nominal OD	
						m	Ft.	kg	Lbs.	mm	Inch	mm	Inch
High-Temp Extension Cable • 20 AWG Solid Conductors • (See chart on page 6.2 for conductor specifications by ANSI Type)													
Plenum • Unshielded • FEP Insulation • FEP Jacket													
300V 200°C NEC: PLTC, CL3P	**600368**	KX	2/c	Yellow, Red	Yellow	152.4 304.8	500 1000	3.2 6.4	7.0 14.0	.25 x 3.25	.010 x .128	1.93	.076
	600369	TX	2/c	Blue, Red	Blue	304.8	1000	6.8	15.0	.25 x 3.25	.010 x .128	1.93	.076
High-Temp Extension Cable • 20 AWG Stranded (7x28) • (See chart on page 6.2 for conductor specifications by ANSI Type)													
Plenum • Unshielded • FEP Insulation • FEP Jacket													
300V 200°C NEC: PLTC, CL3P	**600370**	JX	2/c	White, Red	Black	152.4 304.8	500 1000	3.4 6.8	7.5 15.0	.25 x 3.56	.010 x .140	2.08	.082
Plenum • Overall 100% Enerfoil® Shield • FEP Insulation • FEP Jacket													
300V 200°C NEC: PLTC, CL3P	**600371**	EX	1 pr.	Purple, Red	Purple	152.4 304.8	500 1000	4.1 8.2	9.0 18.0	.25	.010	3.68	.145
	600372	JX	1 pr.	White, Red	Black	152.4 304.8	500 1000	4.3 8.2	9.5 18.0	.25	.010	3.68	.145
	600373	KX	1 pr.	Yellow, Red	Yellow	152.4 304.8	500 1000	4.3 8.2	9.5 18.0	.25	.010	3.68	.145
	600374	TX	1 pr.	Blue, Red	Blue	152.4 304.8	500 1000	4.1 8.6	9.0 18.0	.25	.010	3.68	.145
High-Temp Extension Cable • 16 AWG Pairs Solid Conductors • (See chart on page 6.2 for conductor specifications by ANSI Type)													
Plenum • Overall 100% Enerfoil Shield • FEP Insulation • FEP Jacket													
300V 200°C NEC: PLTC, CL3P	**600375**	EX	1	Purple, Red	Purple	1524.0	5000	72.7	160.0	.25	.010	4.37	.172
	600376	JX	1	White, Red	Black	1524.0	5000	70.5	155.0	.25	.010	4.37	.172
	600377	KX	1	Yellow, Red	Yellow	1524.0	5000	72.7	160.0	.25	.010	4.34	.171
	600378	TX	1	Blue, Red	Blue	1524.0	5000	72.7	160.0	.25	.010	4.37	.172
High-Temp Extension Cable • 16 AWG Pairs Stranded (7x24) • (See chart on page 6.2 for conductor specifications by ANSI Type)													
Plenum • Overall 100% Enerfoil Shield • FEP Insulation • FEP Jacket													
300V 200°C NEC: PLTC, CL3P	**600379**	JX	1	White, Red	Black	152.4 304.8	500 1000	8.0 16.8	17.5 37.0	.25	.010	4.80	.189
	600380	KX	1	Yellow, Red	Yellow	152.4 304.8	500 1000	8.2 15.5	18.0 34.0	.25	.010	4.75	.187
High-Temp Thermocouple Wire • 20 AWG Solid Conductors • (See chart on page 6.2 for conductor specifications by ANSI Type)													
Plenum • Unshielded • FEP Insulation • FEP Jacket													
300V 200°C NEC: PLTC, CL3P	**600381**	E	2/c	Purple, Red	Brown	152.4 304.8	500 1000	3.6 6.8	8.0 15.0	.25 x 3.25	.010 x .128	1.93	.076
	600382	J	2/c	White, Red	Brown	30.5 152.4 304.8	100 500 1000	1.0 3.4 6.4	2.1 7.5 14.0	.25 x 3.25	.010 x .128	1.93	.076
	600383	K	2/c	Yellow, Red	Brown	30.5 152.4 304.8	100 500 1000	1.0 3.4 6.4	2.1 7.5 14.0	.25 x 3.25	.010 x .128	1.93	.076
	600384	T	2/c	Blue, Red	Brown	30.5 152.4 304.8	100 500 1000	1.0 3.4 6.4	2.1 7.5 14.0	.25 x 3.25	.010 x .128	1.93	.076

FEP = Fluorinated Ethylene-propylene

Multiple pair cables have each pair numbered for ease of identification.

Instrumentation Cable

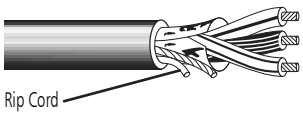
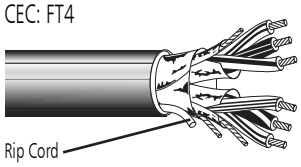
600V Tray Cables

Description	Part No.	No. of Pairs/ Triads	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
18 AWG Pairs Stranded (19x30) Tinned Copper • Twisted Pairs															
Unshielded • PVC/Nylon Insulation • PVC Jacket															
NEC: TC CEC: FT4	**600385**	1	E2	304.8	1000	20.0	44.0	1.22	.048	6.99	.275	200	45	69.85	2.75
															
Overall 100% Enerfoil® Shield • PVC/Nylon Insulation • PVC Jacket															
NEC: TC	**600386**	1	E2	152.4	500	10.9	24.0	1.22	.048	7.01	.276	298	67	69.85	2.75
CEC: FT4				304.8	1000	20.9	46.0								
															
18 AWG Pairs Stranded (7x26) Bare Copper • Twisted Pairs															
Overall 100% Enerfoil Shield • PVC/Nylon Insulation • PVC Jacket (See page 6.2 for other options)															
NEC: TC, NPLF	**600387**	1	E2	3048.0	10000	204.5	450.0	1.22	.048	6.83	.269	298	67	69.85	2.75
CEC: FT4	**600388**	1	E1	Bulk	Bulk	—	—	1.22	.048	6.83	.269	298	67	69.85	2.75
	**600389**	2	E1	3048.0	10000	354.5	780.0	1.35	.053	10.59	.417	498	112	107.95	4.25
	600390	4	E1	2286.0	7500	422.7	930.0	1.35	.053	12.19	.480	898	202	120.65	4.75
	600391	8	E1	2286.0	7500	756.8	1665.0	1.63	.064	15.21	.599	1695	381	152.40	6.00
	600392	12	E1	1524.0	5000	697.7	1535.0	1.63	.064	18.26	.719	2491	560	184.15	7.25
	600393	16	E1	1524.0	5000	872.7	1920.0	1.63	.064	20.42	.804	3288	739	203.20	8.00
	600394	24	E1	762.0	2500	683.0	1502.5	2.13	.084	26.21	1.032	4885	1098	260.35	10.25
	600395	36	E1	381.0	1250	473.9	1042.5	2.13	.084	29.82	1.174	7273	1635	298.45	11.75
	600396	50	E1	381.0	1250	653.4	1437.5	2.13	.084	34.93	1.375	10063	2262	368.30	14.50
Individually Shielded + Overall 100% Enerfoil Shield • PVC/Nylon Insulation • PVC Jacket (See page 6.2 for options)															
NEC: TC, NPLF	**600397**	2	E1	2286.0	7500	286.4	630.0	1.22	.048	10.97	.432	623	140	101.60	4.00
CEC: FT4	**600398**	4	E1	2286.0	7500	508.0	1117.5	1.35	.053	12.65	.498	1148	258	127.00	5.00
	**600399**	8	E1	2286.0	7500	913.6	2010.0	1.63	.064	16.84	.663	2193	493	165.10	6.50
	600400	12	E1	1524.0	5000	890.9	1960.0	1.63	.064	20.27	.798	3239	728	196.85	7.75
	600401	16	E1	762.0	2500	613.6	1350.0	2.13	.084	23.55	.927	4284	963	228.60	9.00
	600402	24	E1	762.0	2500	835.2	1837.5	2.13	.084	28.83	1.135	6379	1434	285.75	11.25
	600403	36	E1	381.0	1250	594.3	1307.5	2.13	.084	32.99	1.299	9516	2139	338.20	13.00
	600404	50	E1	304.8	1000	578.2	1272.0	2.13	.084	38.79	1.527	13177	2962	387.35	15.25

E1, E2 = Refer to Industrial Technical Information section for color code. Alternate color coding available upon request.
Multiple pair or triad cables have each pair/triad numbered for ease of identification.
Bulk = Non-stocked item. Specify length, 1 piece per reel.

Instrumentation Cable

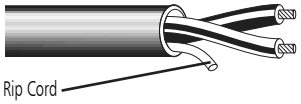
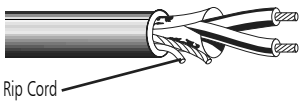
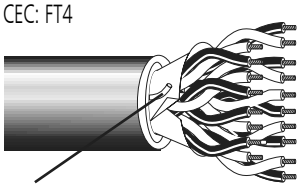
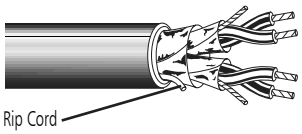
600V Tray Cables

Description	Part No.	No. of Pairs/ Triads	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
18 AWG Triads Stranded (7x26) Bare Copper • Twisted Triads															
Overall 100% Enerfoil® Shield • PVC/Nylon Insulation • PVC Jacket (See page 6.2 for other options)															
NEC: TC, NPLF CEC: FT4	**600405**	1	E2	152.4 304.8 3048.0	500 1000 10000	11.4 22.7 227.3	25.0 50.0 500.0	1.22	.048	7.16	.282	400	90	69.85	2.75
 Rip Cord	**600406**	1	E1	Bulk	Bulk	—	—	1.22	.048	7.21	.284	400	90	69.85	2.75
Individually Shielded + Overall 100% Enerfoil Shield • PVC/Nylon Insulation • PVC Jacket (See page 6.2 for options)															
NEC: TC, NPLF	**600407**	2	E1	Bulk	Bulk	—	—	1.22	.048	12.52	.493	823	185	120.65	4.75
CEC: FT4	**600408**	4	E1	2286.0	7500	678.4	1492.5	1.63	.064	14.66	.577	1544	347	152.40	6.00
 Rip Cord	**600409**	8	E1	1524.0	5000	804.5	1770.0	1.63	.064	18.87	.743	2989	672	190.50	7.50
	600410	12	E1	762.0	2500	605.7	1332.5	2.13	.084	23.85	.939	4435	997	247.65	9.75
	600411	16	E1	Bulk	Bulk	—	—	2.13	.084	26.57	1.046	5881	1322	266.70	10.50
	600412	24	E1	609.6	2000	884.5	1946.0	2.13	.084	32.51	1.280	8768	1971	330.20	13.00

E1, E2 = Refer to Industrial Technical Information section for color code. Alternate color coding available upon request.
Multiple pair or triad cables have each pair/triad numbered for ease of identification.
Bulk = Non-stocked item. Specify length, 1 piece per reel.

Instrumentation Cable

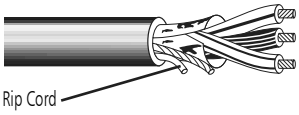
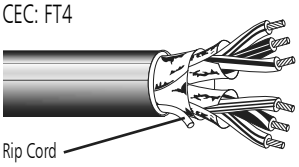
600V Tray Cables

Description	Part No.	No. of Pairs/ Triads	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
16 AWG Pairs Stranded (19x29) Tinned Copper • Twisted Pairs															
Unshielded • PVC/Nylon Insulation • PVC Jacket															
NEC: TC CEC: FT4	**600413**	1	E2	152.4 304.8	500 1000	12.0 23.6	26.5 52.0	1.22	.048	7.59	.299	311	70	76.20	3.00
															
Overall 100% Enerfoil® Shield • PVC/Nylon Insulation • PVC Jacket															
NEC: TC CEC: FT4	**600414**	1	E2	152.4 304.8	500 1000	13.6 27.3	30.0 60.0	1.22	.048	7.65	.301	467	105	76.20	3.00
															
16 AWG Pairs Stranded (7x24) Bare Copper • Twisted Pairs															
Overall 100% Enerfoil Shield • PVC/Nylon Insulation • PVC Jacket (See page 6.2 for other options)															
NEC: TC/NPLF	**600415**	1	E2	3048.0	10000	254.5	560.0	1.22	.048	7.67	.302	467	105	76.20	3.00
CEC: FT4	**600416**	1	E1	Bulk*	Bulk*	—	—	1.22	.048	7.67	.302	467	105	76.20	3.00
	600417	2	E1	2286.0	7500	327.3	720.0	1.22	.048	11.46	.451	796	179	114.30	4.50
	600418	3	E1	2286.0	7500	463.6	1020.0	1.35	.053	12.34	.486	1112	250	120.65	4.75
	600419	4	E1	2286.0	7500	630.7	1387.5	1.68	.066	14.17	.558	1428	321	139.70	5.50
	600420	8	E1	2286.0	7500	1022.7	2250.0	1.68	.066	17.02	.670	2700	607	171.45	6.75
	600421	12	E1	1524.0	5000	952.3	2095.0	1.68	.066	20.42	.804	3973	893	203.20	8.00
	600422	16	E1	762.0	2500	661.4	1455.0	2.13	.084	23.57	.928	5240	1178	241.30	9.50
	600423	24	E1	381.0	1250	479.0	1053.8	2.26	.089	29.13	1.147	8417	1892	292.10	11.50
	600424	36	E1	381.0	1250	636.9	1401.3	2.13	.084	32.94	1.297	11593	2606	330.20	13.00
	600425	50	E1	381.0	1250	427.8	941.3	2.13	.084	40.34	1.588	16042	3606	406.40	16.00
															
Individually Shielded + Overall 100% Enerfoil Shield • PVC/Nylon Insulation • PVC Jacket (See page 6.2 for options)															
NEC: TC, NPLF	**600426**	2	E1	2286.0	7500	402.3	885.0	1.22	.048	10.57	.416	992	223	107.95	4.25
CEC: FT4	**600427**	3	E1	2286.0	7500	494.3	1087.5	1.22	.048	12.09	.476	1410	317	120.65	4.75
	600428	4	E1	2286.0	7500	688.6	1515.0	1.63	.064	14.68	.578	1828	411	146.05	5.75
	600429	6	E1	1524.0	5000	661.4	1455.0	1.63	.064	17.12	.674	2665	599	171.45	6.75
	600430	8	E1	1524.0	5000	825.0	1815.0	1.63	.064	18.42	.725	3497	786	184.15	7.25
	600431	12	E1	762.0	2500	609.1	1340.0	2.13	.084	22.05	.868	5165	1161	222.25	8.75
	600432	16	E1	762.0	2500	802.3	1765.0	2.13	.084	25.73	1.013	6838	1537	260.35	10.25
	600433	20	E1	762.0	2500	928.4	2042.5	2.13	.084	28.47	1.121	8506	1912	285.75	11.25
	600434	24	E1	381.0	1250	567.6	1248.8	2.13	.084	31.60	1.244	10174	2287	317.50	12.50
	600435	36	E1	381.0	1250	817.6	1798.8	2.13	.084	36.14	1.423	15183	3413	361.95	14.25
	600436	50	E1	304.8	1000	162.7	358.0	2.13	.084	43.51	1.713	21024	4726	438.15	17.25
															

E1, E2 = Refer to Industrial Technical Information section for color code. Alternate color coding available upon request.
Multiple pair or triad cables have each pair/triad numbered for ease of identification.
*Bulk = Non-stocked item. Specify length, 1 piece per reel.

Instrumentation Cable

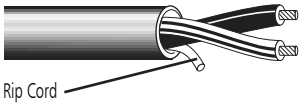
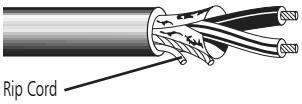
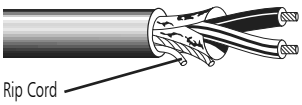
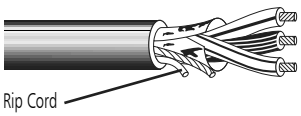
600V Tray Cables

Description	Part No.	No. of Pairs/ Triads	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
16 AWG Triads Stranded (7x24) Bare Copper • Twisted Triads															
Overall 100% Enerfoil® Shield • PVC/Nylon Insulation • PVC Jacket (See page 6.2 for other options)															
NEC: TC, NPLF CEC: FT4	**600437**	1	E2	152.4 304.8 3048.0	500 1000 10000	16.4 31.4 322.7	36.0 69.0 710.0	1.22	.048	8.05	.317	636	143	76.20	3.00
 Rip Cord	**600438**	1	E1	Bulk*	Bulk*	—	—	1.22	.048	8.05	.317	636	143	76.20	3.00
Individually Shielded + Overall 100% Enerfoil Shield • PVC/Nylon Insulation • PVC Jacket (See page 6.2 for options)															
NEC: TC, NPLF	**600439**	4	E1	1524.0	5000	647.7	1425.0	1.63	.064	16.41	.646	2465	554	165.10	6.50
CEC: FT4	**600440**	8	E1	762.0	2500	619.3	1362.5	2.13	.084	22.28	.877	4769	1072	222.25	8.75
 Rip Cord	**600441**	12	E1	762.0	2500	859.1	1890.0	2.26	.089	27.05	1.065	7073	1590	266.70	10.50
	600442	16	E1	Bulk*	Bulk*	—	—	2.13	.084	31.34	1.234	7879	1771	311.15	12.25
	600443	24	E1	381.0	1250	799.4	1758.8	2.13	.084	36.75	1.447	13986	3144	368.30	14.50
	600444	36	E1	Bulk*	Bulk*	—	—	2.79	.110	45.03	1.773	16015	3600	457.20	18.00

E1, E2 = Refer to Industrial Technical Information section for color code. Alternate color coding available upon request.
Multiple pair or triad cables have each pair/triad numbered for ease of identification.
*Bulk = Non-stocked item. Specify length, 1 piece per reel.

Instrumentation Cable

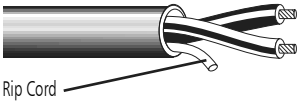
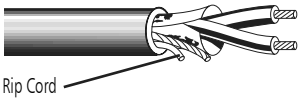
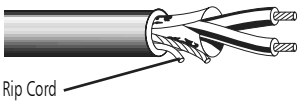
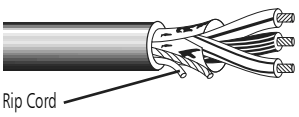
600V Tray Cables

Description	Part No.	No. of Pairs/ Triads	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
14 AWG Pairs Stranded (42x30) Tinned Copper • Twisted Pairs															
Unshielded • PVC/Nylon Insulation • PVC Jacket															
NEC: TC CEC: FT4	**600445**	1	E2	304.8	1000	35.5	78.0	1.22	.048	9.12	.359	476	107	88.90	3.50
 Rip Cord															
Overall 100% Enerfoil® Shield • PVC/Nylon Insulation • PVC Jacket															
NEC: TC CEC: FT4	**600446**	1	E2	152.4 304.8	500 1000	19.8 38.6	43.5 85.0	1.22	.048	9.09	.358	712	160	88.90	3.50
 Rip Cord															
14 AWG Pairs Stranded (7x22) Bare Copper • Twisted Pairs															
Overall 100% Enerfoil Shield • PVC/Nylon Insulation • PVC Jacket (See page 6.2 for other options)															
NEC: TC, NPLF CEC: FT4	**600447**	1	E1	Bulk*	Bulk*	—	—	1.22	.048	8.69	.342	712	160	88.90	3.50
 Rip Cord															
14 AWG Triads Stranded (7x22) Bare Copper • Twisted Triads															
Overall 100% Enerfoil Shield • PVC/Nylon Insulation • PVC Jacket															
NEC: TC, NPLF CEC: FT4	**600448**	1	E1	Bulk*	Bulk*	—	—	1.22	.048	9.17	.361	890	200	88.90	3.50
 Rip Cord															

E1, E2 = Refer to Industrial Technical Information section for color code. Alternate color coding available upon request.
*Bulk = Non-stocked item. Specify length, 1 piece per reel.

Instrumentation Cable

600V Tray Cables

Description	Part No.	No. of Pairs/ Triads	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
12 AWG Pairs Stranded (37x27) Tinned Copper • Twisted Pairs															
Unshielded • PVC/Nylon Insulation • PVC Jacket															
NEC: TC CEC: FT4	**600449**	1	E2	304.8	1000	40.5	89.0	1.14	.045	9.65	.380	756	170	95.25	3.75
 Rip Cord															
Overall 100% Enerfoil® Shield • PVC/Nylon Insulation • PVC Jacket															
NEC: TC CEC: FT4	**600450**	1	E2	152.4 304.8	500 1000	24.3 48.2	53.5 106.0	1.14	.045	9.75	.384	1126	253	95.25	3.75
 Rip Cord															
12 AWG Pairs Stranded (7x20) Bare Copper • Twisted Pairs															
Overall 100% Enerfoil Shield • PVC/Nylon Insulation • PVC Jacket (See page 6.2 for other options)															
NEC: TC, NPLF CEC: FT4	**600451**	1	E1	Bulk*	Bulk*	—	—	1.22	.048	9.65	.380	1126	253	95.25	3.75
 Rip Cord															
12 AWG Triads Stranded (7x20) Bare Copper • Twisted Triads															
Overall 100% Enerfoil Shield • PVC/Nylon Insulation • PVC Jacket (See page 6.2 for other options)															
NEC: TC, NPLF CEC: FT4	**600452**	1	E1	Bulk*	Bulk*	—	—	1.22	.048	10.03	.395	8001	315	101.60	4.00
 Rip Cord															

E1, E2 = Refer to Industrial Technical Information section for color code. Alternate color coding available upon request.
*Bulk = Non-stocked item. Specify length, 1 piece per reel.

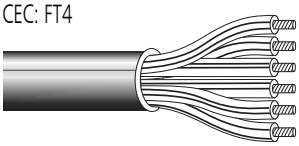
Control Cable
600V Type TC Cables

Description	Part No.	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
18 AWG Multi-conductor Stranded (7x26) Bare Copper															
PVC/Nylon Insulation and PVC Jacket Constructions (See page 6.2 for other options)															
NEC: TC, NPLF CEC: FT4	**600453**†	2	E2	3048.0	10000	190.9	420.0	1.14	.045	4.83 x 7.11	.19 x .28	116	26	48.26	1.90
	600454††	2	E2	Bulk*	Bulk*	—	—	1.14	.045	6.86	.27	116	26	76.20	3.00
	600455	3	E2	Bulk*	Bulk*	—	—	1.14	.045	7.11	.28	173	39	82.55	3.25
	600456	4	E2	3048.0	10000	281.8	620.0	1.14	.045	7.87	.31	231	52	88.90	3.50
	600457	5	E2	Bulk*	Bulk*	—	—	1.14	.045	8.38	.33	289	65	101.60	4.00
	600458	6	E2	Bulk*	Bulk*	—	—	1.14	.045	9.14	.36	347	78	107.95	4.25
	600459	7	E2	Bulk*	Bulk*	—	—	1.14	.045	9.14	.36	405	91	107.95	4.25
	600460	8	E2	Bulk*	Bulk*	—	—	1.14	.045	9.65	.38	463	104	114.30	4.50
	600461	9	E2	Bulk*	Bulk*	—	—	1.14	.045	10.41	.41	520	117	127.00	5.00
	600462	10	E2	Bulk*	Bulk*	—	—	1.52	.060	11.18	.44	578	130	146.05	5.75
	600463	11	E2	Bulk*	Bulk*	—	—	1.52	.060	11.43	.45	636	143	146.05	5.75
	600464	12	E2	Bulk*	Bulk*	—	—	1.52	.060	11.68	.46	690	155	146.05	5.75
	600465	13	E2	Bulk*	Bulk*	—	—	1.52	.060	12.19	.48	752	169	152.40	6.00
	600466	14	E2	Bulk*	Bulk*	—	—	1.52	.060	12.19	.48	810	182	152.40	6.00
	600467	15	E2	Bulk*	Bulk*	—	—	1.52	.060	12.95	.51	867	195	158.75	6.25
	600468	16	E2	Bulk*	Bulk*	—	—	1.52	.060	13.21	.52	925	208	158.75	6.25
	600469	17	E2	Bulk*	Bulk*	—	—	1.52	.060	14.48	.57	979	220	171.45	6.75
	600470	18	E2	Bulk*	Bulk*	—	—	1.52	.060	14.48	.57	1037	233	171.45	6.75
	600471	19	E2	Bulk*	Bulk*	—	—	1.52	.060	14.48	.57	1099	247	171.45	6.75
	600472	20	E2	Bulk*	Bulk*	—	—	1.52	.060	14.99	.59	1157	260	177.80	7.00
	600473	25	E2	Bulk*	Bulk*	—	—	1.52	.060	16.51	.65	1446	325	196.85	7.75
	600474	30	E2	Bulk*	Bulk*	—	—	1.52	.060	17.53	.69	1735	390	209.55	8.25
	600475	37	E2	Bulk*	Bulk*	—	—	2.03	.080	18.80	.74	2140	481	241.30	9.50
	600476	50	E2	Bulk*	Bulk*	—	—	2.03	.080	23.11	.91	2892	650	279.40	11.00
	600477	60	E2	Bulk*	Bulk*	—	—	2.03	.080	24.38	.96	3470	780	317.50	12.50
18 AWG Multi-conductor Stranded (7x26) Bare Copper • Overall 100% Enerfoil® Shield with Drain Wire															
PVC/Nylon Insulation and PVC Jacket Constructions (See page 6.2 for other options)															
NEC: TC, NPLF CEC: FT4	**600478**	2	E2	3048.0	10000	209.1	460.0	1.22	.048	7.01	.276	298	67	71.12	2.80
	600479	3	E2	3048.0	10000	254.5	560.0	1.22	.048	7.42	.292	400	90	73.66	2.90
	600480	4	E2	3048.0	10000	313.6	690.0	1.22	.048	8.00	.315	498	112	81.28	3.10

E2 = Refer to Industrial Technical Information section for color code.
† Flat construction; overall shield not available.
†† Twisted Conductors.
*Bulk = Non-stocked item. Specify length, 1 piece per reel.

Control Cable
600V Type TC Cables

Description	Part No.	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
16 AWG Multi-conductor Stranded (7x24) Bare Copper															
PVC/Nylon Insulation and PVC Jacket Constructions (See page 6.2 for other options)															
NEC: TC, NPLF CEC: FT4	**600481**†	2	E2	3048.0	10000	218.2	480.0	1.14	.045	5.59 x 8.64	.22 x .34	182	41	50.80	2.00
	600482††	2	E2	Bulk*	Bulk*	—	—	1.14	.045	8.64	.34	182	41	88.90	3.50
	600483	3	E2	3048.0	10000	309.1	680.0	1.14	.045	9.14	.36	276	62	88.90	3.50
	600484	4	E2	3048.0	10000	354.5	780.0	1.14	.045	9.91	.39	369	83	101.60	4.00
	600485	5	E2	3048.0	10000	431.8	950.0	1.14	.045	10.92	.43	458	103	107.95	4.25
	600486	6	E2	Bulk*	Bulk*	—	—	1.14	.045	11.68	.46	552	124	114.30	4.50
	600487	7	E2	3048.0	10000	581.8	1280.0	1.14	.045	11.68	.46	645	145	114.30	4.50
	600488	8	E2	3048.0	10000	631.8	1390.0	1.14	.045	12.70	.50	734	165	127.00	5.00
	600489	9	E2	Bulk*	Bulk*	—	—	1.14	.045	14.48	.57	827	186	146.05	5.75
	600490	10	E2	Bulk*	Bulk*	—	—	1.14	.045	15.49	.61	921	207	152.40	6.00
	600491	11	E2	Bulk*	Bulk*	—	—	1.14	.045	15.49	.61	1010	227	152.40	6.00
	600492	12	E2	1524.0	5000	409.1	900.0	1.14	.045	16.00	.63	1103	248	158.75	6.25
	600493	13	E2	Bulk*	Bulk*	—	—	1.14	.045	16.76	.66	1197	269	165.10	6.50
	600494	14	E2	Bulk*	Bulk*	—	—	1.14	.045	16.76	.66	1290	290	165.10	6.50
	600495	15	E2	Bulk*	Bulk*	—	—	1.52	.060	17.78	.70	1379	310	177.80	7.00
	600496	16	E2	Bulk*	Bulk*	—	—	1.52	.060	17.78	.70	1472	331	177.80	7.00
	600497	17	E2	Bulk*	Bulk*	—	—	1.52	.060	18.80	.74	1561	351	190.50	7.50
	600498	18	E2	Bulk*	Bulk*	—	—	1.52	.060	18.80	.74	1655	372	190.50	7.50
	600499	19	E2	Bulk*	Bulk*	—	—	1.52	.060	18.80	.74	1744	392	190.50	7.50
	600500	20	E2	Bulk*	Bulk*	—	—	1.52	.060	19.56	.77	1833	412	196.85	7.75
	600501	25	E2	Bulk*	Bulk*	—	—	2.03	.080	22.86	.90	2291	515	228.60	9.00
	600502	30	E2	Bulk*	Bulk*	—	—	2.03	.080	24.13	.95	2754	619	241.30	9.50
	600503	37	E2	Bulk*	Bulk*	—	—	2.03	.080	25.91	1.02	3394	763	260.35	10.25
	600504	50	E2	Bulk*	Bulk*	—	—	2.03	.080	28.45	1.12	4587	1031	285.75	11.25
	600505	60	E2	Bulk*	Bulk*	—	—	2.03	.080	32.00	1.26	5503	1237	330.20	13.00
16 AWG Multi-conductor Stranded (7x24) Bare Copper • Overall 100% Enerfoil® Shield with Drain Wire															
PVC/Nylon Insulation and PVC Jacket Constructions (See page 6.2 for other options)															
NEC: TC, NPLF	**600506**	2	E2	3048.0	10000	313.6	690.0	1.19	.047	7.67	.302	476	107	76.20	3.00
CEC: FT4	**600507**	3	E2	3048.0	10000	345.5	760.0	1.22	.048	8.13	.320	636	143	81.28	3.20



E2 = Refer to Industrial Technical Information section for color code.
† Flat construction; overall shield not available.
†† Twisted Conductors.
*Bulk = Non-stocked item. Specify length, 1 piece per reel.

Control Cable
600V Type TC Cables

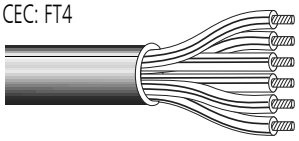
Description	Part No.	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
14 AWG Multi-conductor Stranded (7x22) Bare Copper															
PVC/Nylon Insulation and PVC Jacket Constructions (See page 6.2 for other options)															
NEC: TC, NPLF CEC: FT4	**600508**†	2	E2	3048.0	10000	290.9	640.0	1.14	.045	5.33 x 8.13	.21 x .32	387	87	50.80	2.00
	600509††	2	E2	Bulk*	Bulk*	—	—	1.14	.045	8.38	.33	387	87	93.98	3.70
	600510	3	E2	3048.0	10000	377.3	830.0	1.14	.045	8.38	.33	583	131	101.60	4.00
	600511	4	E2	3048.0	10000	468.2	1030.0	1.14	.045	9.14	.36	774	174	107.95	4.25
	600512	5	E2	3048.0	10000	627.3	1380.0	1.14	.045	9.91	.39	970	218	120.65	4.75
	600513	6	E2	Bulk*	Bulk*	—	—	1.14	.045	10.92	.43	1166	262	127.00	5.00
	600514	7	E2	3048.0	10000	745.5	1640.0	1.14	.045	10.92	.43	1361	306	127.00	5.00
	600515	8	E2	Bulk*	Bulk*	—	—	1.14	.045	11.94	.47	1557	350	146.05	5.75
	600516	9	E2	1524.0	5000	561.4	1235.0	1.14	.045	12.70	.50	1748	393	158.75	6.25
	600517	10	E2	1524.0	5000	570.5	1255.0	1.52	.060	14.48	.57	1944	437	171.45	6.75
	600518	11	E2	Bulk*	Bulk*	—	—	1.52	.060	15.24	.60	2140	481	171.45	6.75
	600519	12	E2	1524.0	5000	672.7	1480.0	1.52	.060	15.49	.61	2331	524	177.80	7.00
	600520	13	E2	Bulk*	Bulk*	—	—	1.52	.060	16.26	.64	2527	568	184.15	7.25
	600521	14	E2	Bulk*	Bulk*	—	—	1.52	.060	16.26	.64	2718	611	184.15	7.25
	600522	15	E2	Bulk*	Bulk*	—	—	1.52	.060	17.27	.68	2914	655	196.85	7.75
	600523	16	E2	1524.0	5000	872.7	1920.0	1.52	.060	16.76	.66	3110	699	196.85	7.75
	600524	17	E2	Bulk*	Bulk*	—	—	1.52	.060	17.78	.70	3301	742	203.20	8.00
	600525	18	E2	Bulk*	Bulk*	—	—	1.52	.060	17.78	.70	3497	786	203.20	8.00
	600526	19	E2	1524.0	5000	1009.1	2220.0	1.52	.060	17.78	.70	3692	830	203.20	8.00
	600527	20	E2	Bulk*	Bulk*	—	—	1.52	.060	18.80	.74	3888	874	228.60	9.00
	600528	21	E2	Bulk*	Bulk*	—	—	1.52	.060	19.05	.75	4084	918	228.60	9.00
	600529	22	E2	Bulk*	Bulk*	—	—	1.52	.060	19.81	.78	4725	961	241.30	9.50
	600530	23	E2	Bulk*	Bulk*	—	—	1.52	.060	19.81	.78	4471	1005	241.30	9.50
	600531	24	E2	Bulk*	Bulk*	—	—	1.52	.060	21.08	.83	4662	1048	254.00	10.00
	600532	25	E2	1524.0	5000	1361.4	2995.0	1.52	.060	21.08	.83	4858	1092	254.00	10.00
	600533	26	E2	Bulk*	Bulk*	—	—	1.52	.060	21.08	.83	5054	1136	254.00	10.00
	600534	27	E2	Bulk*	Bulk*	—	—	2.03	.080	22.61	.89	5245	1179	254.00	10.00
	600535	28	E2	Bulk*	Bulk*	—	—	2.03	.080	23.37	.92	5441	1223	266.70	10.50
	600536	29	E2	Bulk*	Bulk*	—	—	2.03	.080	23.37	.92	5632	1266	266.70	10.50
	600537	30	E2	Bulk*	Bulk*	—	—	2.03	.080	22.86	.90	5828	1310	266.70	10.50
	600538	37	E2	1524.0	5000	1997.7	4395.0	2.03	.080	24.38	.96	7189	1616	292.10	11.50
	600539	50	E2	Bulk*	Bulk*	—	—	2.03	.080	28.70	1.13	7305	1642	297.18	11.70
14 AWG Multi-conductor Stranded (7x22) Bare Copper • Overall 100% Enerfoil® Shield with Drain Wire															
PVC/Nylon Insulation and PVC Jacket Constructions (See page 6.2 for other options)															
NEC: TC, NPLF - CEC: FT4	**600540**	3	E2	3048.0	10000	459.1	1010.0	1.22	.048	9.19	.362	970	218	91.44	3.60
	600541	4	E2	3048.0	10000	577.3	1270.0	1.22	.048	9.93	.391	1214	273	99.06	3.90

E2 = Refer to Industrial Technical Information section for color code.

*Bulk = Non-stocked item. Specify length, 1 piece per reel.
† Flat construction; overall shield not available.
†† Twisted Conductors.

Control Cable

600V Type TC Cables

Description	Part No.	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
12 AWG Multi-conductor Stranded (7x20) Bare Copper															
PVC/Nylon Insulation and PVC Jacket Constructions (See page 6.2 for other options)															
NEC: TC, NPLF CEC: FT4 	**600542**†	2	E2	3048.0	10000	372.7	820.0	1.14	.045	6.35 x 10.67	.25 x .42	543	122	55.88	2.20
	600543††	2	E2	Bulk*	Bulk*	—	—	1.14	.045	10.67	.42	543	122	101.60	4.00
	600544	3	E2	3048.0	10000	477.3	1050.0	1.14	.045	11.18	.44	810	182	114.30	4.50
	600545	4	E2	3048.0	10000	613.6	1350.0	1.14	.045	12.19	.48	1081	243	120.65	4.75
	600546	5	E2	3048.0	10000	750.0	1650.0	1.14	.045	13.46	.53	1352	304	133.35	5.25
	600547	6	E2	Bulk*	Bulk*	—	—	1.14	.045	15.24	.60	1624	365	152.40	6.00
	600548	7	E2	3048.0	10000	1050.0	2310.0	1.14	.045	15.24	.60	1895	426	152.40	6.00
	600549	8	E2	Bulk*	Bulk*	—	—	1.52	.060	16.51	.65	2162	486	165.10	6.50
	600550	9	E2	1524.0	5000	754.5	1660.0	1.52	.060	17.78	.70	2433	547	177.80	7.00
	600551	10	E2	Bulk*	Bulk*	—	—	1.52	.060	19.05	.75	2705	608	190.50	7.50
	600552	11	E2	Bulk*	Bulk*	—	—	1.52	.060	19.05	.75	2976	669	190.50	7.50
	600553	12	E2	1524.0	5000	938.6	2065.0	1.52	.060	19.81	.78	3243	729	196.85	7.75
	600554	13	E2	Bulk*	Bulk*	—	—	1.52	.060	20.83	.82	3514	790	209.55	8.25
	600555	14	E2	Bulk*	Bulk*	—	—	1.52	.060	20.83	.82	3786	851	209.55	8.25
	600556	15	E2	Bulk*	Bulk*	—	—	1.52	.060	23.11	.91	4053	911	228.60	9.00
	600557	16	E2	Bulk*	Bulk*	—	—	1.52	.060	23.11	.91	4324	972	228.60	9.00
	600558	17	E2	Bulk*	Bulk*	—	—	1.52	.060	24.13	.95	4595	1033	241.30	9.50
	600559	18	E2	Bulk*	Bulk*	—	—	1.52	.060	24.13	.95	4862	1093	241.30	9.50
	600560	19	E2	Bulk*	Bulk*	—	—	1.52	.060	24.13	.95	5134	1154	241.30	9.50
	600561	20	E2	Bulk*	Bulk*	—	—	2.03	.080	24.89	.98	5414	1217	247.65	9.75
	600562	21	E2	Bulk*	Bulk*	—	—	2.03	.080	25.65	1.01	5676	1276	254.00	10.00
	600563	22	E2	Bulk*	Bulk*	—	—	2.03	.080	26.67	1.05	5948	1337	266.70	10.50
	600564	23	E2	Bulk*	Bulk*	—	—	2.03	.080	26.67	1.05	6215	1397	266.70	10.50
	600565	24	E2	Bulk*	Bulk*	—	—	2.03	.080	28.19	1.11	6486	1458	279.40	11.00
	600566	25	E2	Bulk*	Bulk*	—	—	2.03	.080	28.19	1.11	6757	1519	279.40	11.00
	600567	26	E2	Bulk*	Bulk*	—	—	2.03	.080	28.19	1.11	7029	1580	279.40	11.00
	600568	27	E2	Bulk*	Bulk*	—	—	2.03	.080	28.70	1.13	7300	1641	285.75	11.25
	600569	28	E2	Bulk*	Bulk*	—	—	2.03	.080	29.72	1.17	7567	1701	298.45	11.75
	600570	29	E2	Bulk*	Bulk*	—	—	2.03	.080	29.72	1.17	7932	1783	298.45	11.75
	600571	30	E2	Bulk*	Bulk*	—	—	2.03	.080	29.72	1.17	8110	1823	298.45	11.75
	600572	37	E2	Bulk*	Bulk*	—	—	2.03	.080	32.26	1.27	10000	2248	323.85	12.75
	600573	50	E2	Bulk*	Bulk*	—	—	2.03	.080	37.85	1.49	11566	2600	393.70	15.50

E2 = Refer to Industrial Technical Information section for color code.
† Flat construction; overall shield not available.
†† Twisted Conductors.
*Bulk = Non-stocked item. Specify length, 1 piece per reel.

Control Cable
600V Type TC Cables

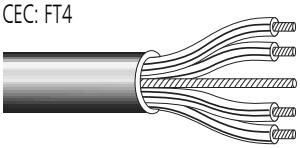
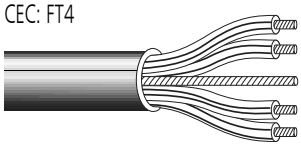
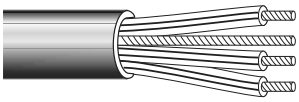
Description	Part No.	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
10 AWG Multi-conductor Stranded (7x18) Bare Copper															
PVC/Nylon Insulation and PVC Jacket Constructions (See page 6.2 for other options)															
NEC: TC, NPLF CEC: FT4	**600574**†	2	E2	3048.0	10000	563.6	1240.0	1.14	.045	7.11 x 11.68	.28 x .46	730	164	7.62	.30
	600575††	2	E2	Bulk*	Bulk*	—	—	1.14	.045	11.68	.46	730	164	109.22	4.30
	600576	3	E2	3048.0	10000	790.9	1740.0	1.14	.045	12.45	.49	1099	247	127.00	5.00
	600577	4	E2	3048.0	10000	995.5	2190.0	1.14	.045	14.48	.57	1464	329	152.40	6.00
	600578	5	E2	3048.0	10000	1290.9	2840.0	1.52	.060	15.75	.62	1833	412	160.02	6.30
	600579	6	E2	Bulk*	Bulk*	—	—	1.52	.060	17.02	.67	2198	494	172.72	6.80
	600580	7	E2	Bulk*	Bulk*	—	—	1.52	.060	17.02	.67	2562	576	172.72	6.80
	600581	8	E2	Bulk*	Bulk*	—	—	1.52	.060	18.54	.73	2932	659	185.42	7.30
	600582	9	E2	Bulk*	Bulk*	—	—	1.52	.060	19.81	.78	3296	741	198.12	7.80
	600583	10	E2	Bulk*	Bulk*	—	—	1.52	.060	23.11	.91	3661	823	228.60	9.00
	600584	11	E2	Bulk*	Bulk*	—	—	1.52	.060	23.11	.91	4026	905	228.60	9.00
	600585	12	E2	Bulk*	Bulk*	—	—	2.03	.080	23.37	.92	4395	988	236.22	9.30
8 AWG Multi-conductor Stranded (7x16) Bare Copper															
PVC/Nylon Insulation and PVC Jacket Constructions (See page 6.2 for other options)															
NEC: TC, NPLF CEC: FT4	**600586**	2	**	Bulk*	Bulk*	—	—	1.52	.060	15.75	.62	1166	262	152.40	6.00
	600587	3	**	1524.0	5000	843.2	1855.0	1.52	.060	16.51	.65	1744	392	160.02	6.30
	600588	4	**	1524.0	5000	925.0	2035.0	1.52	.060	18.29	.72	2327	523	172.72	6.80
6 AWG Multi-conductor Stranded (7x14) Bare Copper															
PVC/Nylon Insulation and PVC Jacket Constructions (See page 6.2 for other options)															
NEC: TC, NPLF CEC: FT4	**600589**	2	**	Bulk*	Bulk*	—	—	1.52	.060	17.53	.69	1868	420	172.72	6.80
	600590	3	**	1524.0	5000	1086.4	2390.0	1.52	.060	18.54	.73	2803	630	177.80	7.00
	600591	4	**	1524.0	5000	1300.0	2860.0	1.52	.060	20.32	.80	3737	840	198.12	7.80

**ICEA Method 4 Color Code

**ICEA Method 4 Color Code

E2 = Refer to Industrial Technical Information section for color code.
† Flat construction; overall shield not available.
†† Twisted Conductors.
**Bulk = Non-stocked item. Specify length, 1 piece per reel.

Control Cable
600V Type TC Cables

Description	Part No.	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Jacket Thickness		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
				m	Ft.	kg	Lbs.	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
4 AWG Multi-conductor Stranded (7x12) Bare Copper															
PVC/Nylon Insulation and PVC Jacket Constructions (See page 6.2 for other options)															
NEC: TC, NPLF	**600592**	2	**	Bulk*	Bulk*	—	—	1.52	.060	19.56	.77	2954	664	198.12	7.80
CEC: FT4	**600593**	3	**	1524.0	5000	1463.6	3220.0	2.03	.080	20.83	.82	4426	995	215.90	8.50
	**600594**	4	**	Bulk*	Bulk*	—	—	2.03	.080	24.64	.97	5903	1327	241.30	9.50
2 AWG Multi-conductor Stranded (7x10) Bare Copper															
PVC/Nylon Insulation and PVC Jacket Constructions (See page 6.2 for other options)															
NEC: TC, NPLF	**600595**	2	**	Bulk*	Bulk*	—	—	2.03	.080	24.64	.97	4693	1055	236.22	9.30
CEC: FT4	**600596**	3	**	1524.0	5000	2388.6	5255.0	2.03	.080	24.89	.98	7038	1582	254.00	10.00
	**600597**	4	**	Bulk*	Bulk*	—	—	2.03	.080	27.69	1.09	9387	2110	279.40	11.00
1 AWG Multi-conductor Stranded (19x14) Bare Copper															
PVC/Nylon Insulation and PVC Jacket Constructions (See page 6.2 for other options)															
NEC: TC, NPLF CEC: FT4	**600598**	3	**	Bulk*	Bulk*	—	—	2.03	.080	29.21	1.15	8675	1950	292.10	11.50
															

**ICEA Method 4 Color Code

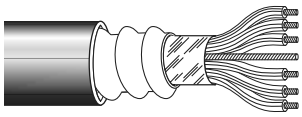
**ICEA Method 4 Color Code

**ICEA Method 4 Color Code

*Bulk = Non-stocked item. Specify length, 1 piece per reel.

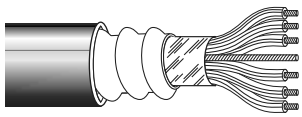
Control Cable

600V Type MC Metal Clad Cables

Description	Part Number		No. of Cond.	Insulation Thickness		Outer Jacket Thickness		Armor OD		Nominal OD		Minimum Bend Radius	
	Aluminum Armor	Steel Armor		mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
14 AWG Stranded (7x22) Bare Copper • 14 AWG Bare Copper Ground Wire													
Aluminum or Steel Interlocked Armor • Cross-linked Polyethylene Insulation • PVC Jacket													
NEC: MC 	**600599**	**600600**	2	.76	.030	1.27	.050	12.19	.48	14.73	.58	185.42	7.3
	600601	**600602**	3	.76	.030	1.27	.050	12.70	.50	15.49	.61	193.04	7.6
	600603	**600604**	4	.76	.030	1.27	.050	13.72	.54	16.26	.64	200.66	7.9
	600605	**600606**	5	.76	.030	1.27	.050	14.48	.57	17.27	.68	213.36	8.4
	600607	**600608**	6	.76	.030	1.27	.050	15.75	.62	18.29	.72	226.06	8.9
	600609	**600610**	7	.76	.030	1.27	.050	15.75	.62	18.29	.72	226.06	8.9
	600611	**600612**	8	.76	.030	1.27	.050	17.53	.69	20.32	.80	238.76	9.4
	600613	**600614**	9	.76	.030	1.27	.050	17.78	.70	20.32	.80	254.00	10.0
	600615	**600616**	10	.76	.030	1.27	.050	19.05	.75	21.59	.85	266.70	10.5
	600617	**600618**	12	.76	.030	1.27	.050	19.56	.77	22.10	.87	274.32	10.8
	600619	**600620**	15	.76	.030	1.27	.050	22.10	.87	24.89	.98	294.64	11.6
	600621	**600622**	19	.76	.030	1.27	.050	25.40	1.00	28.19	1.11	307.34	12.1
	600623	**600624**	20	.76	.030	1.27	.050	26.16	1.03	28.96	1.14	337.82	13.3
	600625	**600626**	25	.76	.030	1.27	.050	27.94	1.10	30.73	1.21	365.76	14.4
	600627	**600628**	30	.76	.030	1.27	.050	29.97	1.18	32.77	1.29	383.54	15.1
	600629	**600630**	37	.76	.030	1.27	.050	28.96	1.14	31.50	1.24	408.94	16.1
	600631	**600632**	40	.76	.030	1.27	.050	32.51	1.28	35.56	1.40	424.18	16.7
	600633	**600634**	50	.76	.030	1.27	.050	35.56	1.40	38.61	1.52	467.36	18.4

12 AWG Stranded (7x20) Bare Copper • 12 AWG Bare Copper Ground Wire

Aluminum or Steel Interlocked Armor • Cross-linked Polyethylene Insulation • PVC Jacket

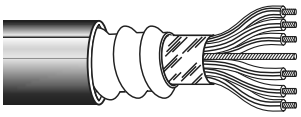
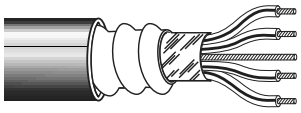
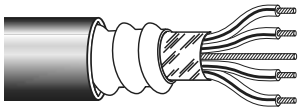
NEC: MC 

600635	**600636**	2	.76	.030	1.27	.050	13.21	.52	15.75	.62	198.12	7.8
600637	**600638**	3	.76	.030	1.27	.050	13.72	.54	16.26	.64	203.20	8.0
600639	**600640**	4	.76	.030	1.27	.050	14.73	.58	17.22	.68	215.90	8.5
600641	**600642**	5	.76	.030	1.27	.050	15.75	.62	18.29	.72	231.14	9.1
600643	**600644**	6	.76	.030	1.27	.050	17.02	.67	19.56	.77	243.84	9.6
600645	**600646**	7	.76	.030	1.27	.050	17.02	.67	19.56	.77	243.84	9.6
600647	**600648**	8	.76	.030	1.27	.050	19.56	.77	22.35	.88	259.08	10.2
600649	**600650**	9	.76	.030	1.27	.050	19.30	.76	21.84	.86	274.32	10.8
600651	**600652**	10	.76	.030	1.27	.050	20.32	.80	23.11	.91	292.10	11.5
600653	**600654**	12	.76	.030	1.27	.050	21.34	.84	23.88	.94	297.18	11.7
600655	**600656**	15	.76	.030	1.27	.050	23.88	.94	26.67	1.05	340.36	13.4
600657	**600658**	19	.76	.030	1.40	.055	26.67	1.05	29.46	1.16	355.60	14.0
600659	**600660**	20	.76	.030	1.40	.055	29.46	1.16	32.26	1.27	370.84	14.6
600661	**600662**	25	.76	.030	1.40	.055	32.00	1.26	34.80	1.37	401.32	15.8
600663	**600664**	30	.76	.030	1.40	.055	32.77	1.29	35.56	1.40	426.72	16.8
600665	**600666**	37	.76	.030	1.40	.055	36.58	1.44	39.37	1.55	452.12	17.8
600667	**600668**	40	.76	.030	1.40	.055	38.10	1.50	41.40	1.63	467.36	18.4

Color Code: Use ICEA Table E2 with printed numbers.
Non-stocked items. Specify length, 1 piece per reel.

Control Cable

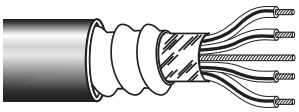
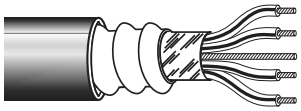
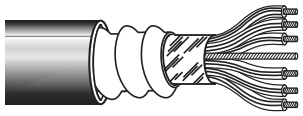
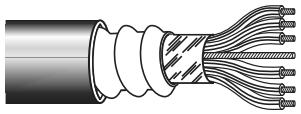
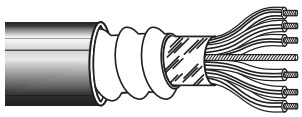
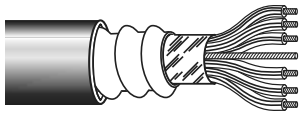
600V Type MC Metal Clad Cables

Description	Part Number		No. of Cond.	Insulation Thickness		Outer Jacket Thickness		Armor OD		Nominal OD		Minimum Bend Radius	
	Aluminum Armor	Steel Armor		mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
10 AWG Stranded (7x18) Bare Copper • 10 AWG Bare Copper Ground Wire													
Aluminum or Steel Interlocked Armor • Cross-linked Polyethylene Insulation • PVC Jacket													
NEC: MC 	**600669**	**600670**	2	.76	.030	1.27	.050	14.22	.56	17.02	.67	213.36	8.4
	600671	**600672**	3	.76	.030	1.27	.050	14.73	.58	17.53	.69	218.44	8.6
	600673	**600674**	4	.76	.030	1.27	.050	15.75	.62	18.80	.74	233.68	9.2
	600675	**600676**	5	.76	.030	1.27	.050	17.27	.68	20.07	.79	325.12	12.8
	600677	**600678**	6	.76	.030	1.27	.050	18.80	.74	21.34	.84	264.16	10.4
	600679	**600680**	7	.76	.030	1.27	.050	18.80	.74	21.34	.84	264.16	10.4
	600681	**600682**	8	.76	.030	1.27	.050	20.57	.81	23.37	.92	284.48	11.2
	600683	**600684**	9	.76	.030	1.27	.050	22.10	.87	24.89	.98	299.72	11.8
	600685	**600686**	10	.76	.030	1.27	.050	22.61	.89	26.16	1.03	337.82	13.3
	600687	**600688**	12	.76	.030	1.27	.050	25.65	1.01	28.45	1.12	347.98	13.7
	600689	**600690**	15	.76	.030	1.27	.050	27.69	1.09	30.99	1.22	375.92	14.8
	600691	**600692**	20	.76	.030	1.40	.055	30.99	1.22	34.24	1.35	411.48	16.2
	600693	**600694**	25	.76	.030	1.40	.055	33.53	1.32	37.34	1.47	452.12	17.8
	600695	**600696**	30	.76	.030	1.40	.055	36.07	1.42	39.37	1.55	472.44	18.6
8 AWG Stranded (7x16) Bare Copper • 10 AWG Bare Copper Ground Wire													
Aluminum or Steel Interlocked Armor • Cross-linked Polyethylene Insulation • PVC Jacket													
NEC: MC 	**600697**	**600698**	2	1.14	.045	1.27	.050	17.78	.70	20.57	.81	248.92	9.8
	600699	**600700**	3	1.14	.045	1.27	.050	18.29	.72	20.83	.82	259.08	10.2
	600701	**600702**	4	1.14	.045	1.27	.050	19.81	.78	22.35	.88	276.86	10.9
6 AWG Stranded (7x14) Bare Copper • 8 AWG Bare Copper Ground Wire													
Aluminum or Steel Interlocked Armor • Cross-linked Polyethylene Insulation • PVC Jacket													
NEC: MC 	**600703**	**600704**	2	1.14	.045	1.27	.050	19.30	.76	22.10	.87	271.78	10.7
	600705	**600706**	3	1.14	.045	1.27	.050	20.32	.80	22.86	.90	284.48	11.2
	600707	**600708**	4	1.14	.045	1.27	.050	22.10	.87	24.64	.97	307.34	12.1

Color Code: For sizes 14, 12, 10, use ICEA Table E2 with printed numbers. For sizes 8 and larger, use ICEA Method 4 with printed numbers.
Non-stocked items. Specify length, 1 piece per reel.

Control Cable

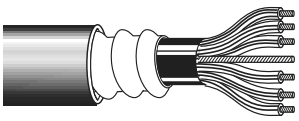
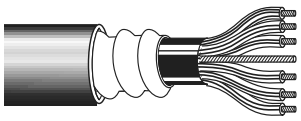
600V Type MC Metal Clad Cables

Description	Part Number		No. of Cond.	Insulation Thickness		Outer Jacket Thickness		Armor OD		Nominal OD		Minimum Bend Radius	
	Aluminum Armor	Steel Armor		mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch
4 AWG Stranded (7x12) Bare Copper • 8 AWG Bare Copper Ground Wire													
Aluminum or Steel Interlocked Armor • Cross-linked Polyethylene Insulation • PVC Jacket													
NEC: MC	**600709**	**600710**	3	1.14	.045	1.27	.050	22.86	.90	25.40	1.00	332.74	13.1
	**600711**	**600712**	4	1.14	.045	1.27	.050	50.04	1.97	27.43	1.08	360.68	14.2
2 AWG Stranded (7x10) Bare Copper • 6 AWG Bare Copper Ground Wire													
Aluminum or Steel Interlocked Armor • Cross-linked Polyethylene Insulation • PVC Jacket													
NEC: MC	**600713**	**600714**	3	1.14	.045	1.27	.050	25.78	1.02	28.58	1.13	373.38	14.7
	**600715**	**600716**	4	1.14	.045	1.27	.050	28.27	1.11	30.99	1.22	403.86	15.9
Composite 14 AWG (7x22) **and 12 AWG** (7x20) Stranded Bare Copper • 12 AWG Bare Copper Ground Wire													
Aluminum or Steel Interlocked Armor • Cross-linked Polyethylene Insulation • PVC Jacket													
NEC: MC	**600717**	**600718**	3c/14 3c/12	.76 .76	.030 .030	1.27	.050	17.78	.70	20.57	.81	246.38	9.7
													
Composite 14 AWG (7x22) **and 10 AWG** (7x18) Stranded Bare Copper • 10 AWG Bare Copper Ground Wire													
Aluminum or Steel Interlocked Armor • Cross-linked Polyethylene Insulation • PVC Jacket													
NEC: MC	**600719**	**600720**	3c/14 3c/10	.76 .76	.030 .030	1.27	.050	18.80	.74	21.39	.85	259.08	10.2
													
Composite 14 AWG (7x22) **and 8 AWG** (7x16) Stranded Bare Copper • 10 AWG Bare Copper Ground Wire													
Aluminum or Steel Interlocked Armor • Cross-linked Polyethylene Insulation • PVC Jacket													
NEC: MC	**600721**	**600722**	3c/14 3c/8	.76 1.14	.030 .045	1.27	.050	21.08	.83	23.88	.94	284.48	11.2
													
Composite 14 AWG (7x22) **and 6 AWG** (7x14) Stranded Bare Copper • 8 AWG Bare Copper Ground Wire													
Aluminum or Steel Interlocked Armor • Cross-linked Polyethylene Insulation • PVC Jacket													
NEC: MC	**600723**	**600724**	3c/14 3c/6	.76 1.14	.030 .045	1.27	.050	22.61	.89	25.65	1.01	304.80	12.0
													

Color Code: For sizes 14, 12, 10, use ICEA Table E2 with printed numbers. For sizes 8 and larger, use ICEA Method 4 with printed numbers.
Non-stocked items. Specify length, 1 piece per reel.

Control Cable

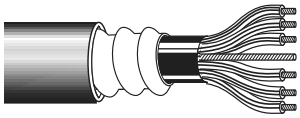
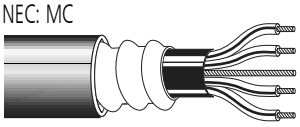
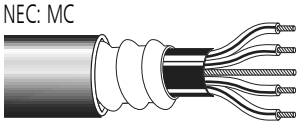
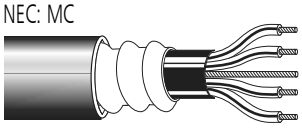
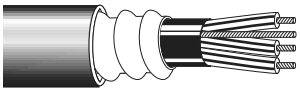
600V Type MC Enerteck® Cables

Description	Part Number		No. of Cond.	Insulation Thickness		Inner Jacket OD		Armor OD		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
	Aluminum Armor	Steel Armor		mm	Inch	mm	Inch	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
14 AWG Stranded (7x22) Bare Copper • 14 AWG Bare Copper Ground Wire															
Aluminum or Steel Armor • Cross-linked Polyethylene Insulation • PVC Inner Jacket • PVC Outer Jacket															
NEC: MC 	**600725**	**600726**	2	.76	.030	9.40	.37	14.22	.56	17.02	.67	294	66	203	8.0
	600727	**600728**	3	.76	.030	9.91	.39	14.73	.58	17.53	.69	436	98	211	8.3
	600729	**600730**	4	.76	.030	10.92	.43	15.75	.62	18.54	.73	583	131	221	8.7
	600731	**600732**	5	.76	.030	11.94	.47	16.76	.66	19.56	.77	730	164	234	9.2
	600733	**600734**	6	.76	.030	12.95	.51	17.78	.70	20.57	.81	850	191	246	9.7
	600735	**600736**	7	.76	.030	12.95	.51	17.78	.70	20.57	.81	1001	225	246	9.7
	600737	**600738**	8	.76	.030	14.73	.58	19.56	.77	22.35	.88	1157	260	267	10.5
	600739	**600740**	10	.76	.030	17.02	.67	23.62	.93	26.42	1.04	1428	321	318	12.5
	600741	**600742**	12	.76	.030	17.53	.69	24.13	.95	26.92	1.06	1726	388	323	12.7
	600743	**600744**	15	.76	.030	19.56	.77	26.16	1.03	28.96	1.14	2140	481	348	13.7
	600745	**600746**	20	.76	.030	21.84	.86	28.45	1.12	31.24	1.23	2887	649	389	15.3
	600747	**600748**	25	.76	.030	23.37	.92	29.97	1.18	33.02	1.30	3603	810	414	16.3
	600749	**600750**	30	.76	.030	24.89	.98	31.50	1.24	34.54	1.36	4337	975	432	17.0
	600751	**600752**	40	.76	.030	27.69	1.09	34.29	1.35	37.34	1.47	5788	1301	470	18.5
	600753	**600754**	50	.76	.030	30.23	1.19	36.83	1.45	39.88	1.57	7251	1630	503	19.8
12 AWG Stranded (7x20) Bare Copper • 12 AWG Bare Copper Ground Wire															
Aluminum or Steel Armor • Cross-linked Polyethylene Insulation • PVC Inner Jacket • PVC Outer Jacket															
NEC: MC 	**600755**	**600756**	2	.76	.030	10.41	.41	15.24	.60	18.03	.71	463	104	206	8.5
	600757	**600758**	3	.76	.030	10.92	.43	15.75	.62	18.54	.73	694	156	224	8.8
	600759	**600760**	4	.76	.030	11.94	.47	16.76	.66	19.56	.77	921	207	234	9.2
	600761	**600762**	5	.76	.030	13.21	.52	18.03	.71	20.83	.82	1157	260	249	9.8
	600763	**600764**	6	.76	.030	14.99	.59	19.81	.78	22.61	.89	1379	310	272	10.7
	600765	**600766**	7	.76	.030	14.99	.59	19.81	.78	22.61	.89	1606	361	272	10.7
	600767	**600768**	8	.76	.030	16.26	.64	21.08	.83	23.88	.94	1846	415	287	11.3
	600769	**600770**	10	.76	.030	19.05	.75	25.65	1.01	28.45	1.12	2313	520	340	13.4
	600771	**600772**	12	.76	.030	19.56	.77	26.16	1.03	28.96	1.14	2754	619	348	13.7
	600773	**600774**	15	.76	.030	22.10	.87	28.70	1.13	31.75	1.25	3194	718	381	15.0
	600775	**600776**	20	.76	.030	24.38	.96	30.99	1.22	32.78	1.33	4627	1040	404	15.9
	600777	**600778**	25	.76	.030	26.42	1.04	33.02	1.30	36.07	1.42	5788	1301	432	17.0
	600779	**600780**	30	.76	.030	29.21	1.15	35.81	1.41	38.86	1.53	6940	1560	465	18.3
	600781	**600782**	40	.76	.030	30.48	1.20	39.12	1.54	42.42	1.67	8986	2020	508	20.0

Color Code: Use ICEA Table E2 with printed numbers.
Non-stocked items. Specify length, 1 piece per reel.

Control Cable

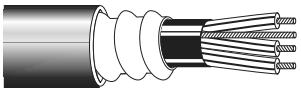
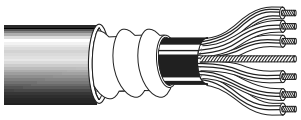
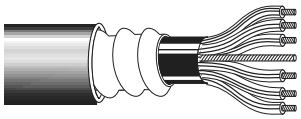
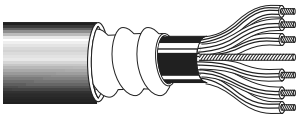
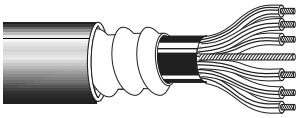
600V Type MC Enerteck® Cables

Description	Part Number		No. of Cond.	Insulation Thickness		Inner Jacket OD		Armor OD		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
	Aluminum Armor	Steel Armor		mm	Inch	mm	Inch	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
10 AWG Stranded (7x18) Bare Copper • 10 AWG Bare Copper Ground Wire															
Aluminum or Steel Armor • Cross-linked Polyethylene Insulation • PVC Inner Jacket • PVC Outer Jacket															
NEC: MC 	**600783**	**600784**	2	.76	.030	11.68	.46	16.51	.65	18.80	.74	738	166	231	9.1
	600785	**600786**	3	.76	.030	12.19	.48	17.02	.67	16.56	.77	1108	249	239	9.4
	600787	**600788**	4	.76	.030	14.22	.56	19.05	.75	21.34	.84	1468	330	262	10.3
	600789	**600790**	5	.76	.030	17.02	.67	21.84	.86	24.38	.96	1846	415	295	11.6
	600791	**600792**	6	.76	.030	17.02	.67	21.84	.86	24.38	.96	2184	491	295	11.6
	600793	**600794**	7	.76	.030	17.78	.70	22.86	.90	25.40	1.00	2491	560	307	12.1
	600795	**600796**	8	.76	.030	19.05	.75	24.13	.95	26.67	1.05	2847	640	323	12.7
	600797	**600798**	10	.76	.030	19.81	.78	26.42	1.04	29.21	1.15	3563	801	351	13.8
	600799	**600800**	12	.76	.030	22.61	.89	29.21	1.15	32.00	1.26	4271	960	384	15.1
	600801	**600802**	15	.76	.030	23.62	.93	30.23	1.19	33.02	1.30	5316	1195	396	15.6
	600803	**600804**	20	.76	.030	26.92	1.06	33.53	1.32	36.58	1.44	7118	1600	439	17.3
	600805	**600806**	25	.76	.030	28.45	1.12	36.58	1.44	40.13	1.58	8853	1990	483	19.0
	600807	**600808**	30	.76	.030	32.51	1.28	39.12	1.54	42.42	1.67	10477	2355	508	20.0
8 AWG Stranded (7x16) Bare Copper • 10 AWG Bare Copper Ground Wire															
Aluminum or Steel Armor • Cross-linked Polyethylene Insulation • PVC Inner Jacket • PVC Outer Jacket															
NEC: MC 	**600809**	**600810**	2	1.14	.045	14.99	.59	19.81	.78	22.61	.89	1174	264	272	10.7
	600811	**600812**	3	1.14	.045	15.75	.62	20.57	.81	23.11	.91	1762	396	277	10.9
	600813	**600814**	4	1.14	.045	17.27	.68	23.88	.94	26.67	1.05	2349	528	320	12.6
6 AWG Stranded (7x14) Bare Copper • 8 AWG Bare Copper Ground Wire															
Aluminum or Steel Armor • Cross-linked Polyethylene Insulation • PVC Inner Jacket • PVC Outer Jacket															
NEC: MC 	**600815**	**600816**	2	1.52	.060	18.03	.71	24.64	.97	27.43	1.08	1868	420	330	13.0
	600817	**600818**	3	1.52	.060	19.30	.76	25.91	1.02	28.70	1.13	2803	630	343	13.5
	600819	**600820**	4	1.52	.060	23.35	.88	28.96	1.14	31.75	1.25	3737	840	381	15.0
4 AWG Stranded (7x12) Bare Copper • 8 AWG Bare Copper Ground Wire															
Aluminum or Steel Armor • Cross-linked Polyethylene Insulation • PVC Inner Jacket • PVC Outer Jacket															
NEC: MC 	**600821**	**600822**	3	1.52	.060	23.11	.91	29.72	1.17	32.77	1.29	4458	1002	394	15.5
	600823	**600824**	4	1.52	.060	25.15	.99	31.75	1.25	34.80	1.37	5939	1335	417	16.4
3 AWG Stranded (7x11) Bare Copper • 6 AWG Bare Copper Ground Wire															
Aluminum or Steel Armor • Cross-linked Polyethylene Insulation • PVC Inner Jacket • PVC Outer Jacket															
NEC: MC 	**600825**	**600826**	3	1.52	.060	24.38	.96	30.99	1.22	33.78	1.33	5619	1263	406	16.0

Color Code: For sizes 14, 12, 10, use ICEA Table E2 with printed numbers. For sizes 8 and larger, use ICEA Method 4 with printed numbers.
Non-stocked items. Specify length, 1 piece per reel.

Control Cable

600V Type MC Enerteck® Cables

Description	Part Number		No. of Cond.	Insulation Thickness		Inner Jacket OD		Armor OD		Nominal OD		Maximum Pull Tension		Minimum Bend Radius	
	Aluminum Armor	Steel Armor		mm	Inch	mm	Inch	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
2 AWG Stranded (7x10) Bare Copper • 6 AWG Bare Copper Ground Wire															
Aluminum or Steel Armor • Cross-linked Polyethylene Insulation • PVC Inner Jacket • PVC Outer Jacket															
NEC: MC	**600827**	**600828**	3	1.52	.060	27.43	1.08	32.51	1.28	35.56	1.40	7087	1593	427	16.8
	**600829**	**600830**	4	1.52	.060	28.45	1.12	35.05	1.38	38.10	1.50	9449	2124	457	18.0
Composite 14 AWG (7x22) **and 12 AWG** (7x20) • 12 AWG Bare Copper Ground Wire															
Aluminum or Steel Armor • Cross-linked Polyethylene Insulation • PVC Inner Jacket • PVC Outer Jacket															
NEC: MC	**600831**	**600832**	3c/14 3c/12	.76 .76	.030 .030	14.22	.56	19.05	.75	21.84	.86	899	202	262	10.3
															
Composite 14 AWG (7x22) **and 10 AWG** (7x18) • 10 AWG Bare Copper Ground Wire															
Aluminum or Steel Armor • Cross-linked Polyethylene Insulation • PVC Inner Jacket • PVC Outer Jacket															
NEC: MC	**600833**	**600834**	3c/14 3c/10	.76 .76	.030 .030	15.49	.61	20.32	.80	23.11	.91	1357	305	277	10.9
															
Composite 14 AWG (7x22) **and 8 AWG** (7x16) • 10 AWG Bare Copper Ground Wire															
Aluminum or Steel Armor • Cross-linked Polyethylene Insulation • PVC Inner Jacket • PVC Outer Jacket															
NEC: MC	**600835**	**600836**	3c/14 3c/8	1.14 .76	.045 .030	17.78	.70	24.38	.96	27.18	1.07	1935	435	325	12.8
															
Composite 14 AWG (7x22) **and 6 AWG** (7x14) • 8 AWG Bare Copper Ground Wire															
Aluminum or Steel Armor • Cross-linked Polyethylene Insulation • PVC Inner Jacket • PVC Outer Jacket															
NEC: MC	**600837**	**600838**	3c/14 3c/6	1.52 .76	.060 .030	22.86	.90	29.21	1.15	32.00	1.26	2914	655	384	15.1
															

Color Code: For sizes 14, 12, 10, use ICEA Table E2 with printed numbers. For sizes 8 and larger, use ICEA Method 4 with printed numbers.
Non-stocked items. Specify length, 1 piece per reel.

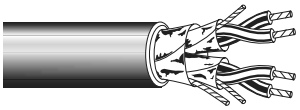
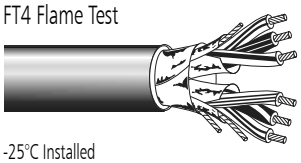
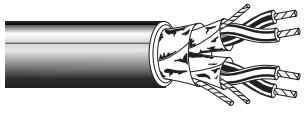
CSA Instrumentation Cable

300V CIC

Innovcable offers a complete line of high performance and high quality CSA certified instrumentation cables (300V/600V and CIC/ACIC). These cables are designed to minimize noise and signal interference to deliver clean signals in harsh petrochemical, pulp and paper and process industry environments, as well as for use in general manufacturing operations.

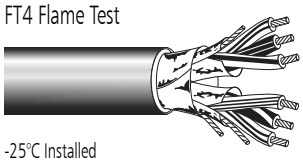
Contact Innovcable Customer Service for other options:

- 150V
- XLPE insulation
- Thermocouple alloy conductors
- Overall foil shield only
- Other pair and triad counts

Description	Part Number	No. of Pairs or Triads	Cable Weight		Jacket Thickness		Nominal OD	
			kg/km	Lbs./1000 Ft.	mm	Inch	mm	Inch
20 AWG Pairs Stranded (7x28) Tinned Copper • Individual Enerfoil® + Polyester Isolation Tape • Overall Enerfoil Shield • Drain Wires								
PVC Insulation • Black PVC Jacket (Color Code: Black and White with Numbers)								
CSA C22.2#239, Type CIC	**600839**	1	48	71	1.14	.045	6.60	.260
CSA C22.2 #0.3 Clause 4.31 Low Acid Test	**600840**	2	96	143	1.14	.045	10.16	.400
FT4 Flame Test	**600841**	4	146	217	1.14	.045	11.68	.460
	**600842**	6	215	320	1.14	.045	14.48	.570
	600843	8	272	405	1.52	.060	15.49	.610
	600844	12	385	573	1.52	.060	18.54	.730
	600845	16	485	722	1.52	.060	20.57	.810
	600846	24	741	1103	2.03	.080	26.42	1.040
-25°C Installed -40°C to +105°C (Dry) (75°C Wet)	**600847**	36	1040	1548	2.03	.080	30.23	1.190
20 AWG Triads Stranded (7x28) Tinned Copper • Individual Enerfoil + Polyester Isolation Tape • Overall Enerfoil Shield • Drain Wires								
PVC Insulation • Black PVC Jacket (Color Code: Black, White and Red with Numbers)								
CSA C22.2#239, Type CIC	**600848**	1	60	89	1.14	.045	6.86	.270
CSA C22.2 #0.3 Clause 4.31 Low Acid Test	**600849**	2	119	177	1.14	.045	10.67	.420
FT4 Flame Test	**600850**	4	186	277	1.14	.045	12.47	.490
	**600851**	8	350	521	1.52	.060	16.51	.650
	600852	16	672	1000	2.03	.080	23.11	.910
	600853	24	950	1414	2.03	.080	28.19	1.110
-25°C Installed -40°C to +105°C (Dry) (75°C Wet)								
18 AWG Pairs Stranded (7x26) Tinned Copper • Individual Enerfoil + Polyester Isolation Tape • Overall Enerfoil Shield • Drain Wires								
PVC Insulation • Black PVC Jacket (Color Code: Black and White with Numbers)								
CSA C22.2#239, Type CIC	**600854**	1	65	97	1.14	.045	7.62	.300
CSA C22.2 #0.3 Clause 4.31 Low Acid Test	**600855**	2	132	196	1.14	.045	12.45	.480
FT4 Flame Test	**600856**	4	227	338	1.14	.045	14.73	.580
	**600857**	6	318	473	1.52	.060	17.02	.670
	600858	8	283	570	1.52	.060	18.54	.730
	600859	12	584	869	1.52	.060	23.37	.920
	600860	16	736	1095	2.03	.080	25.91	1.020
	600861	24	1045	1552	2.03	.080	32.00	1.260
-25°C Installed -40°C to +105°C (Dry) (75°C Wet)								

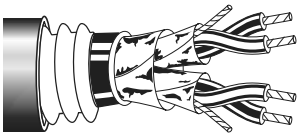
CSA Instrumentation Cable

300V CIC

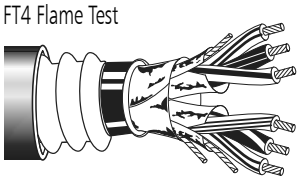
Description	Part Number	No. of Pairs or Triads	Cable Weight		Jacket Thickness		Nominal OD	
			kg/km	Lbs./1000 Ft.	mm	Inch	mm	Inch
18 AWG Triads Stranded (7x26) Tinned Copper • Individual Enerfoil + Polyester Isolation Tape • Overall Enerfoil Shield • Drain Wires								
PVC Insulation • Black PVC Jacket (Color Code: Black, White and Red with Numbers)								
CSA C22.2#239, Type CIC	**600862**	1	81	121	1.14	.045	7.70	.303
CSA C22.2 #0.3 Clause 4.31 Low Acid Test	**600863**	2	172	256	1.14	.045	12.19	.480
FT4 Flame Test	**600864**	4	287	427	1.52	.060	15.75	.620
	600865	8	401	597	1.52	.060	18.03	.710
	600866	16	497	740	1.52	.060	19.56	.770
	600867	24	759	1130	2.03	.080	24.89	.980
	600868	16	965	1436	2.03	.080	27.69	1.090
	600869	24	1377	2049	2.03	.080	34.04	1.340
-25°C Installed -40°C to +105°C (Dry) (75°C Wet)								
16 AWG Pairs Stranded (7x24) Tinned Copper • Individual Enerfoil® + Polyester Isolation Tape • Overall Enerfoil Shield • Drain Wires								
PVC Insulation • Black PVC Jacket (Color Code: Black and White with Numbers)								
CSA C22.2#239, Type CIC	**600870**	1	82	122	1.14	.045	8.13	.320
CSA C22.2 #0.3 Clause 4.31 Low Acid Test	**600871**	2	176	262	1.14	.045	13.21	.520
FT4 Flame Test	**600872**	4	294	438	1.52	.060	15.95	.628
	**600873**	6	405	603	1.52	.060	18.80	.740
	600874	8	505	752	1.52	.060	20.32	.800
	600875	12	771	350	2.03	.080	25.65	1.010
	600876	16	982	1461	2.03	.080	28.45	1.120
	600877	24	1405	2091	2.03	.080	35.05	1.380
-25°C Installed -40°C to +105°C (Dry) (75°C Wet)								
16 AWG Triads Stranded (7x24) Tinned Copper • Individual Enerfoil + Polyester Isolation Tape • Overall Enerfoil Shield • Drain Wires								
PVC Insulation • Black PVC Jacket (Color Code: Black, White and Red with Numbers)								
CSA C22.2#239, Type CIC	**600878**	1	102	152	1.14	.045	8.36	.329
CSA C22.2 #0.3 Clause 4.31 Low Acid Test	**600879**	2	231	344	1.14	.045	14.73	.580
FT4 Flame Test	**600880**	4	379	564	1.52	.060	17.02	.670
	**600881**	6	550	819	1.52	.060	19.81	.780
	600882	8	714	1063	2.03	.080	23.90	.940
	600883	12	1024	1524	2.03	.080	27.43	1.080
-25°C Installed -40°C to +105°C (Dry) (75°C Wet)								

CSA Instrumentation Cable

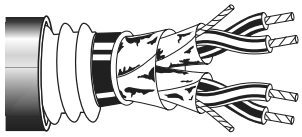
300V ACIC Armored Cables

Description	Part Number		No. of Pairs/ Triads	Cable Weight Aluminum Armor		Cable Weight Steel Armor		Insulation Thickness		Nominal OD Inner Jacket		Nominal OD Outer Jacket	
	Aluminum Armor	Steel Armor		kg/km	Lbs./ 1000 Ft.	kg/km	Lbs./ 1000 Ft.	mm	Inch	mm	Inch	mm	Inch
20 AW G Pairs Stranded (7x28) Tinned Copper • Individual Enerfoil® + Polyester Isolation Tape • Overall Enerfoil • Drain Wires													
Interlocked Armor • PVC Insulation • PVC Inner Jacket • Chrome PVC Outer Jacket													
CSA C22.2#239, Type ACIC	**600884**	**600885**	1	208	140	342	230	.51	.020	6.6	.26	14.2	.56
CSA C22.2#174, HLABCD	**600886**	**600887**	2	306	206	483	325	.51	.020	10.2	.40	17.8	.70
CSA C22.2#0.3, Clause 4.31	**600888**	**600889**	4	379	255	580	390	.51	.020	11.7	.46	19.3	.76
Low Acid Test	**600890**	**600891**	6	441	297	734	494	.51	.020	14.5	.57	22.4	.88
FT4 Flame Test	**600892**	**600893**	8	537	361	840	565	.51	.020	16.0	.63	23.5	.92
	**600894**	**600895**	12	713	480	1010	682	.51	.020	19.1	.75	26.9	1.06
	600896	**600897**	16	891	600	1337	900	.51	.020	20.1	.79	29.5	1.16
	600898	**600899**	24	1188	800	1745	1175	.51	.020	26.7	1.05	36.1	1.42
	600900	**600901**	36	1559	1050	2228	1500	.51	.020	29.0	1.14	39.8	1.57
	600902	**600903**	50	2180	1468	2985	2010	.51	.020	34.8	1.37	44.5	1.75

-25°C Installed
-40°C to +105°C (Dry) (75°C Wet)

Description	Part Number		No. of Pairs/ Triads	Cable Weight Aluminum Armor		Cable Weight Steel Armor		Insulation Thickness		Nominal OD Inner Jacket		Nominal OD Outer Jacket	
	Aluminum Armor	Steel Armor		kg/km	Lbs./ 1000 Ft.	kg/km	Lbs./ 1000 Ft.	mm	Inch	mm	Inch	mm	Inch
20 AWG Triads Stranded (7x28) Tinned Copper • Individual Enerfoil + Polyester Isolation Tape • Overall Enerfoil • Drain Wires													
Interlocked Armor • PVC Insulation • PVC Inner Jacket • Chrome PVC Outer Jacket													
CSA C22.2#239, Type ACIC	**600904**	**600905**	1	207	139	350	235	.51	.020	6.9	.27	14.5	.57
CSA C22.2#174, HLBCD	**600906**	**600907**	2	312	210	513	345	.51	.020	10.9	.43	18.5	.73
CSA C22.2#0.3, Clause 4.31	**600908**	**600909**	4	401	270	631	425	.51	.020	12.7	.50	20.3	.80
Low Acid Test	**600910**	**600911**	8	660	444	965	650	.51	.020	17.5	.69	25.4	1.00
FT4 Flame Test	**600912**	**600913**	12	940	632	1440	970	.51	.020	20.8	.82	31.5	1.24
	**600914**	**600915**	16	1100	740	1619	1090	.51	.020	23.1	.91	32.5	1.28
	600916	**600917**	24	1410	990	2020	1360	.51	.020	28.2	1.11	37.6	1.48

-25°C Installed
-40°C to +105°C (Dry) (75°C Wet)

Description	Part Number		No. of Pairs/ Triads	Cable Weight Aluminum Armor		Cable Weight Steel Armor		Insulation Thickness		Nominal OD Inner Jacket		Nominal OD Outer Jacket	
	Aluminum Armor	Steel Armor		kg/km	Lbs./ 1000 Ft.	kg/km	Lbs./ 1000 Ft.	mm	Inch	mm	Inch	mm	Inch
18 AWG Pairs Stranded (7x26) Tinned Copper • Individual Enerfoil + Polyester Isolation Tape • Overall Enerfoil • Drain Wires													
Interlocked Armor • PVC Insulation • PVC Inner Jacket • Chrome PVC Outer Jacket													
CSA C22.2#239, Type ACIC	**600918**	**600919**	1	237	160	383	258	.64	.025	7.6	.30	15.2	.60
CSA C22.2#174, HLABCD	**600920**	**600921**	2	367	247	570	384	.64	.025	12.2	.48	19.8	.78
CSA C22.2#0.3, Clause 4.31	**600922**	**600923**	4	505	340	745	500	.64	.025	14.7	.58	22.4	.88
Low Acid Test	**600924**	**600925**	6	625	420	906	610	.64	.025	17.0	.67	24.9	.98
FT4 Flame Test	**600926**	**600927**	8	808	543	1230	827	.64	.025	18.5	.73	26.1	1.03
	**600928**	**600929**	12	1065	717	1555	1045	.64	.025	22.9	.90	32.6	1.28
	600930	**600931**	16	1265	850	1800	1210	.64	.025	25.1	.99	34.8	1.37
	600932	**600933**	24	1632	1100	2245	1510	.64	.025	31.5	1.24	41.4	1.63
	600934	**600935**	36	2180	1465	2910	1960	.64	.025	35.8	1.41	45.7	1.80

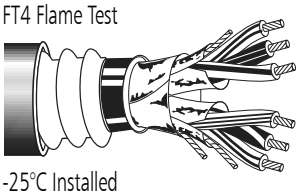
-25°C Installed
-40°C to +105°C (Dry) (75°C Wet)

Color Code: Pairs — Black and White with Numbers. Triads — Black, White and Red with Numbers.

CSA Instrumentation Cable

300V ACIC Armored Cables

Description	Part Number		No. of Pairs/ Triads	Cable Weight Aluminum Armor		Cable Weight Steel Armor		Insulation Thickness		Nominal OD Inner Jacket		Nominal OD Outer Jacket	
	Aluminum Armor	Steel Armor		kg/km	Lbs./ 1000 Ft.	kg/km	Lbs./ 1000 Ft.	mm	Inch	mm	Inch	mm	Inch
18 AWG Triads Stranded (7x26) Tinned Copper • Individual Enerfoil + Polyester Isolation Tape • Overall Enerfoil • Drain Wires													
Interlocked Armor • PVC Insulation • PVC Inner Jacket • Chrome PVC Outer Jacket													
CSA C22.2#239, Type ACIC	**600936**	**600937**	1	260	175	410	275	.64	.025	8.4	.33	15.4	.61
CSA C22.2#174, HLBCD	**600938**	**600939**	2	407	275	620	417	.64	.025	13.0	.51	20.6	.81
CSA C22.2#0.3, Clause 4.31	**600940**	**600941**	4	572	385	825	555	.64	.025	15.7	.62	23.6	.93
Low Acid Test	**600942**	**600943**	6	790	535	1160	780	.64	.025	19.1	.75	28.2	1.11
FT4 Flame Test	**600944**	**600945**	8	1010	680	1476	995	.64	.025	20.6	.81	30.0	1.18
	600946	**600947**	12	1360	916	1805	1215	.64	.025	26.2	1.03	35.6	1.40
	600948	**600949**	16	1515	1020	2080	1400	.64	.025	28.7	1.13	38.1	1.50
	600950	**600951**	24	1985	1335	2340	1775	.64	.025	34.8	1.37	45.7	1.80

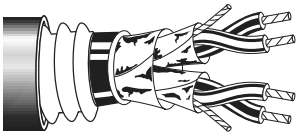


-25°C Installed
-40°C to +105°C (Dry) (75°C Wet)

16 AWG Pairs Stranded (7x24) Tinned Copper • Individual Enerfoil® + Polyester Isolation Tape • Overall Enerfoil • Drain Wires

Interlocked Armor • PVC Insulation • PVC Inner Jacket • Chrome PVC Outer Jacket

CSA C22.2#239, Type ACIC	**600952**	**600953**	1	262	175	417	280	.64	.025	8.4	.33	15.7	.62
CSA C22.2#174, HLABCD	**600954**	**600955**	2	418	280	635	425	.64	.025	13.2	.52	20.5	.81
CSA C22.2#0.3, Clause 4.31	**600956**	**600957**	4	590	395	848	570	.64	.025	16.0	.63	23.6	.93
Low Acid Test	**600958**	**600959**	6	755	510	1065	715	.64	.025	18.5	.73	26.2	1.03
FT4 Flame Test	**600960**	**600961**	8	930	625	1354	910	.64	.025	20.1	.79	29.5	1.16
	600962	**600963**	12	1300	875	1828	1230	.64	.025	25.4	1.00	34.8	1.37
	600964	**600965**	16	1570	1054	2150	1445	.64	.025	28.2	1.11	37.6	1.48
	600966	**600967**	24	2080	1397	2739	1840	.64	.025	34.5	1.36	44.5	1.75
	600968	**600969**	36	2856	1920	3658	2460	.64	.025	40.6	1.60	49.9	1.97

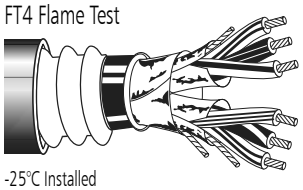


-25°C Installed
-40°C to +105°C (Dry) (75°C Wet)

16 AWG Triads Stranded (7x24) Tinned Copper • Individual Enerfoil + Polyester Isolation Tape • Overall Enerfoil • Drain Wires

Interlocked Armor • PVC Insulation • PVC Inner Jacket • Chrome PVC Outer Jacket

CSA C22.2#239, Type ACIC	**600970**	**600971**	1	280	190	438	295	.64	.025	8.9	.35	16.1	.63
CSA C22.2#174, HLBCD	**600972**	**600973**	2	508	342	746	500	.64	.025	14.7	.58	22.9	.90
CSA C22.2#0.3, Clause 4.31	**600974**	**600975**	4	677	450	954	640	.64	.025	17.3	.68	25.2	.95
Low Acid Test	**600976**	**600977**	6	967	650	1375	928	.64	.025	19.8	.78	30.2	1.19
FT4 Flame Test	**600978**	**600979**	8	1227	825	1676	1130	.64	.025	23.6	.93	33.0	1.30
	600980	**600981**	12	1610	1082	2250	1511	.64	.025	28.7	1.13	38.1	1.50
	600982	**600983**	16	1912	1285	2530	1705	.64	.025	31.8	1.25	41.7	1.64
	600984	**600985**	24	2560	1725	3268	2200	.64	.025	40.1	1.58	49.4	1.95

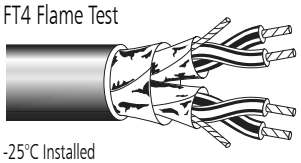
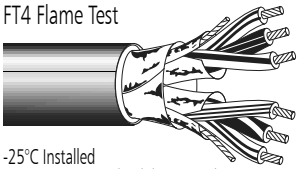
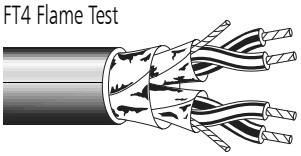
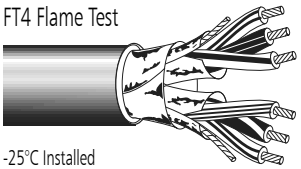


-25°C Installed
-40°C to +105°C (Dry) (75°C Wet)

Color Code: Pairs — Black and White with Numbers. Triads — Black, White and Red with Numbers.

CSA Instrumentation Cable

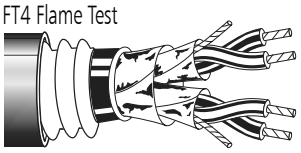
600V CIC

Description	Part Number	No. of Pairs or Triads	Cable Weight		Jacket Thickness		Nominal OD	
			kg/km	Lbs./1000 Ft.	mm	Inch	mm	Inch
18 AWG Pairs Stranded (7x26) Tinned Copper • Individual Enerfoil® + Polyester Isolation Tape • Overall Enerfoil Shield • Drain Wires								
PVC Insulation • Black PVC Jacket (Color Code: Black and White with Numbers)								
CSA C22.2#239, Type CIC	**600986**	1	73	109	1.14	.045	8.13	.32
CSA C22.2#0.3, Clause 4.31 Low Acid Test	**600987**	2	154	229	1.14	.045	12.95	.51
FT4 Flame Test	**600988**	4	251	374	1.52	.060	16.00	.63
	**600989**	8	425	632	1.52	.060	20.07	.79
	600990	12	652	970	2.03	.080	25.40	1.00
	600991	24	1170	1741	2.03	.080	34.54	1.36
-25°C Installed -40°C to +105°C (Dry) (75°C Wet)								
18 AWG Triads Stranded (7x26) Tinned Copper • Individual Enerfoil + Polyester Isolation Tape • Overall Enerfoil Shield • Drain Wires								
PVC Insulation • Black PVC Jacket (Color Code: Black, White and Red with Numbers)								
CSA C22.2#239, Type CIC	**600992**	1	88	131	1.14	.045	8.64	.34
CSA C22.2#0.3, Clause 4.31 Low Acid Test	**600993**	2	201	299	1.52	.060	14.73	.58
FT4 Flame Test	**600994**	4	320	476	1.52	.060	16.73	.68
	**600995**	8	600	893	2.03	.080	22.35	.88
-25°C Installed -40°C to +105°C (Dry) (75°C Wet)								
16 AWG Pairs Stranded (7x24) Tinned Copper • Individual Enerfoil + Polyester Isolation Tape • Overall Enerfoil Shield • Drain Wires								
PVC Insulation • Black PVC Jacket (Color Code: Black and White with Numbers)								
CSA C22.2#239, Type CIC	**600996**	1	87	129	1.14	.045	8.64	.34
CSA C22.2#0.3, Clause 4.31 Low Acid Test	**600997**	2	201	229	1.14	.045	14.99	.59
FT4 Flame Test	**600998**	4	315	469	1.52	.060	17.27	.68
	**600999**	6	448	667	1.52	.060	20.07	.79
	601000	8	565	841	2.03	.080	22.86	.90
	601001	12	830	1235	2.03	.080	27.69	1.09
	601002	24	1512	2250	2.03	.080	37.85	1.49
-25°C Installed -40°C to +105°C (Dry) (75°C Wet)								
16 AWG Triads Stranded (7x24) Tinned Copper • Individual Enerfoil + Polyester Isolation Tape • Overall Enerfoil Shield • Drain Wires								
PVC Insulation • Black PVC Jacket (Color Code: Black, White and Red with Numbers)								
CSA C22.2#239, Type CIC	**601003**	1	112	167	1.14	.045	9.14	.36
CSA C22.2#0.3, Clause 4.31 Low Acid Test	**601004**	2	250	372	1.14	.045	15.75	.62
FT4 Flame Test	**601005**	4	407	606	1.52	.060	18.29	.72
	**601006**	8	769	1144	2.03	.080	24.38	.96
-25°C Installed -40°C to +105°C (Dry) (75°C Wet)								

CSA Instrumentation Cable

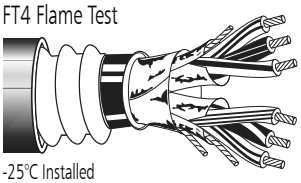
600V ACIC Armored Cables

Description	Part Number		No. of Pairs/ Triads	Cable Weight Aluminum Armor		Cable Weight Steel Armor		Insulation Thickness		Nominal OD Inner Jacket		Nominal OD Outer Jacket	
	Aluminum Armor	Steel Armor		kg/km	Lbs./ 1000 Ft.	kg/km	Lbs./ 1000 Ft.	mm	Inch	mm	Inch	mm	Inch
18 AWG Pairs Stranded (7x26) Tinned Copper • Individual Enerfoil® + Polyester Isolation Tape • Overall Enerfoil • Braslar® Separator • Drain Wires													
Interlocked Armor • PVC Insulation • PVC Inner Jacket • Chrome PVC Outer Jacket													
CSA C22.2#239, Type ACIC CSA C22.2#174, HLABCD CSA C22.2#0.3, Clause 4.31 Low Acid Test FT4 Flame Test	**601007**	**601008**	1	229	154	382	257	.76	.030	8.13	.32	15.49	.61
	601009	**601010**	2	354	238	575	387	.76	.030	12.95	.51	20.83	.82
	601011	**601012**	4	499	335	750	504	.76	.030	16.00	.63	23.62	.93
	601013	**601014**	8	798	536	1233	829	.76	.030	20.27	.79	29.21	1.15
	601015	**601016**	12	1100	739	1624	1092	.76	.030	25.40	1.00	34.54	1.36
	601017	**601018**	24	1740	1169	2490	1674	.76	.030	34.54	1.36	44.45	1.75



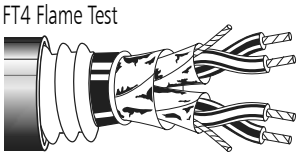
-25°C Installed
-40°C to +105°C (Dry) (75°C Wet)

18 AWG Triads Stranded (7x26) Tinned Copper • Individual Enerfoil + Polyester Isolation Tape • Overall Enerfoil • Drain Wires													
Interlocked Armor • PVC Insulation • PVC Inner Jacket • Chrome PVC Outer Jacket													
CSA C22.2#239, Type ACIC CSA C22.2#174, HLBCD CSA C22.2#0.3, Clause 4.31 Low Acid Test FT4 Flame Test	**601019**	**601020**	1	246	166	410	276	.76	.030	8.64	.34	16.00	.63
	601021	**601022**	2	435	293	676	455	.76	.030	14.73	.58	22.61	.89
	601023	**601024**	4	583	391	851	572	.76	.030	16.76	.66	25.15	.99
	601025	**601026**	8	1002	673	1470	988	.76	.030	22.35	.88	32.77	1.29



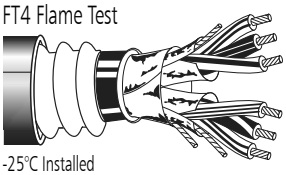
-25°C Installed
-40°C to +105°C (Dry) (75°C Wet)

16 AWG Pairs Stranded (7x24) Tinned Copper • Individual Enerfoil + Polyester Isolation Tape • Overall Enerfoil • Braslar Separator • Drain Wires													
Interlocked Armor • PVC Insulation • PVC Inner Jacket • Chrome PVC Outer Jacket													
CSA C22.2#239, Type ACIC CSA C22.2#174, HLABCD CSA C22.2#0.3, Clause 4.31 Low Acid Test FT4 Flame Test	**601027**	**601028**	1	254	171	415	279	.76	.030	8.64	.34	16.26	.64
	601029	**601030**	2	445	299	677	455	.76	.030	14.99	.59	22.61	.89
	601031	**601032**	4	669	450	868	583	.76	.030	17.27	.68	24.89	.98
	601033	**601034**	6	857	576	1310	880	.76	.030	20.07	.79	29.46	1.16
	601035	**601036**	8	1010	679	1495	1005	.76	.030	22.86	.90	32.26	1.27
	601037	**601038**	12	1351	908	1905	1280	.76	.030	27.69	1.09	37.08	1.46
	601039	**601040**	24	2235	1502	3020	2030	.76	.030	37.85	1.49	47.75	1.88



-25°C Installed
-40°C to +105°C (Dry) (75°C Wet)

16 AWG Triads Stranded (7x24) Tinned Copper • Individual Enerfoil + Polyester Isolation Tape • Overall Enerfoil • Drain Wires													
Interlocked Armor • PVC Insulation • PVC Inner Jacket • Chrome PVC Outer Jacket													
CSA C22.2#239, Type ACIC CSA C22.2#174, HLBCD CSA C22.2#0.3, Clause 4.31 Low Acid Test FT4 Flame Test	**601041**	**601042**	1	289	195	460	309	.76	.030	9.14	.36	16.76	.66
	601043	**601044**	2	504	339	691	465	.76	.030	15.75	.62	23.88	.94
	601045	**601046**	4	690	464	1180	793	.76	.030	18.29	.72	26.67	1.05
	601047	**601048**	8	1201	807	1860	1250	.76	.030	24.38	.96	33.78	1.33

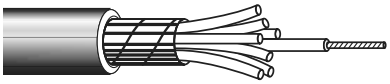
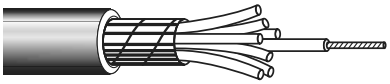
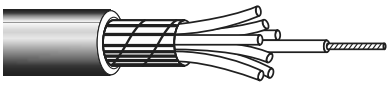


-25°C Installed
-40°C to +105°C (Dry) (75°C Wet)

Color Code: Pairs — Black and White with Numbers. Triads — Black, White and Red with Numbers.

CSA Control Cable

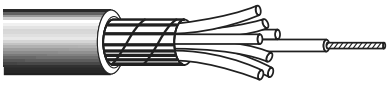
600V CIC Multi-conductor Cables

Description	Part Number	No. of Cond.	Cable Weight		Insulation Thickness		Jacket Thickness		Nominal OD	
			kg/km	Lbs/ 1000 Ft.	mm	Inch	mm	Inch	mm	Inch
14 AWG Stranded (7x22) Bare Copper Conductors										
Cross-linked Polyethylene Insulation • Black PVC Jacket (Color Code: Black and Numbered)										
CSA C22.2#239, Type CIC	**601049**	2	92	62	.76	.030	1.14	.045	9.32	.367
CSA C22.2#0.3, Clause 4.31 Low Acid Test	**601050**	3	120	81	.76	.030	1.14	.045	9.86	.388
FT4 Flame Test	**601051**	4	150	101	.76	.030	1.14	.045	10.74	.423
	**601052**	5	181	122	.76	.030	1.14	.045	11.73	.462
	601053	6	213	143	.76	.030	1.14	.045	12.80	.504
	601054	7	238	160	.76	.030	1.14	.045	12.80	.504
	601055	8	293	197	.76	.030	1.52	.060	14.63	.576
	601056	9	326	220	.76	.030	1.52	.060	15.70	.618
	601057	10	336	226	.76	.030	1.52	.060	17.00	.669
	601058	12	415	279	.76	.030	1.52	.060	17.50	.689
	601059	16	531	357	.76	.030	1.52	.060	19.41	.764
-25°C Installed -40°C to +105°C (Dry) (75°C Wet)	**601060**	20	695	467	.76	.030	2.03	.080	22.50	.886
12 AWG Stranded (7x20) Bare Copper Conductors										
Cross-linked Polyethylene Insulation • Black PVC Jacket (Color Code: Black and Numbered)										
CSA C22.2#239, Type CIC	**601061**	2	122	82	.76	.030	1.14	.045	10.29	.405
CSA C22.2#0.3, Clause 4.31 Low Acid Test	**601062**	3	162	109	.76	.030	1.14	.045	10.90	.429
FT4 Flame Test	**601063**	4	207	140	.76	.030	1.14	.045	11.91	.469
	**601064**	5	252	170	.76	.030	1.14	.045	13.08	.515
	601065	6	318	214	.76	.030	1.52	.060	15.01	.591
	601066	7	357	240	.76	.030	1.52	.060	15.01	.591
	601067	8	402	270	.76	.030	1.52	.060	16.23	.639
	601068	9	449	302	.76	.030	1.52	.060	17.45	.687
	601069	10	499	336	.76	.030	1.52	.060	18.92	.745
	601070	12	579	390	.76	.030	1.52	.060	19.51	.768
	601071	16	794	584	.76	.030	2.03	.080	22.68	.893
-25°C Installed -40°C to +105°C (Dry) (75°C Wet)	**601072**	20	975	655	.76	.030	2.03	.080	25.20	.992
10 AWG Stranded (7x18) Bare Copper Conductors										
Cross-linked Polyethylene Insulation • Black PVC Jacket (Color Code: Black and Numbered)										
CSA C22.2#239, Type CIC	**601073**	2	219	148	.76	.030	1.14	.045	18.69	.736
CSA C22.2#0.3, Clause 4.31 Low Acid Test	**601074**	3	281	189	.76	.030	1.14	.045	19.38	.763
FT4 Flame Test	**601075**	4	368	248	.76	.030	1.52	.060	21.31	.839
	**601076**	5	436	293	.76	.030	1.52	.060	22.63	.891
	601077	6	503	338	.76	.030	1.52	.060	23.98	.944
	601078	7	562	378	.76	.030	1.52	.060	23.98	.944
	601079	8	630	424	.76	.030	1.52	.060	25.37	.999
	601080	9	698	469	.76	.030	1.52	.060	29.28	1.074
	601081	10	816	548	.76	.030	2.03	.080	30.02	1.182
	601082	12	939	631	.76	.030	2.03	.080	30.71	1.209
	601083	14	1067	717	.76	.030	2.03	.080	31.88	1.255
-25°C Installed -40°C to +105°C (Dry) (75°C Wet)	**601084**	16	1197	805	.76	.030	2.03	.080	33.20	1.307

CSA Control Cable

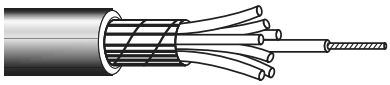
600V CIC Multi-conductor Cables

Description	Part Number	No. of Cond.	Cable Weight		Insulation Thickness		Jacket Thickness		Nominal OD	
			kg/km	Lbs./ 1000 Ft.	mm	Inch	mm	Inch	mm	Inch
8 AWG Stranded (7x16) Bare Copper Conductors										
Cross-linked Polyethylene Insulation • Black PVC Jacket (Color Code: Black and Numbered)										
CSA C22.2#239, Type CIC	**601085**	2	357	240	1.14	.045	1.52	.060	21.08	.863
CSA C22.2#0.3, Clause 4.31 Low Acid Test	**601086**	3	458	308	1.14	.045	1.52	.060	22.81	.898
FT4 Flame Test	**601087**	4	564	379	1.14	.045	1.52	.060	24.31	.957



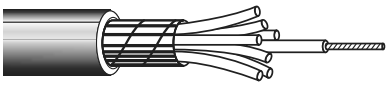
-25°C Installed
-40°C to +105°C (Dry) (75°C Wet)

6 AWG Stranded (7x14) Bare Copper Conductors										
Cross-linked Polyethylene Insulation • Black PVC Jacket (Color Code: Black and Numbered)										
CSA C22.2#239, Type CIC	**601088**	2	414	279	1.52	.060	1.52	.060	18.06	.711
CSA C22.2#0.3, Clause 4.31 Low Acid Test FT4 Flame Test	**601089**	3	570	383	1.52	.060	1.52	.060	19.22	.756



-25°C Installed
-40°C to +105°C (Dry) (75°C Wet)

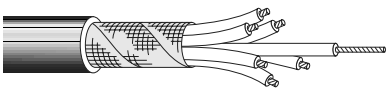
4 AWG Stranded (7x12) Bare Copper Conductors										
Cross-linked Polyethylene Insulation • Black PVC Jacket (Color Code: Black and Numbered)										
CSA C22.2#239, Type CIC	**601090**	2	580	390	1.52	.060	1.52	.060	20.32	.800
CSA C22.2#0.3, Clause 4.31 Low Acid Test FT4 Flame Test	**601091**	3	863	580	1.52	.060	2.03	.080	22.63	.891



-25°C Installed
-40°C to +105°C (Dry) (75°C Wet)

CSA Control Cable

600V Type TC/CIC Cables

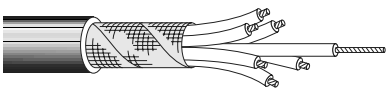
Description	Part Number	No. of Cond.	Cable Weight		Insulation Thickness		Jacket Thickness		Nominal OD	
			kg/km	Lbs/ 1000 Ft.	mm	Inch	mm	Inch	mm	Inch
14 AWG Stranded (7x22) Bare Copper • Separator Tape										
Cross-linked Polyethylene Insulation • Black PVC Jacket										
CSA C22.2#230 Type TC	**601092**	2	164	110			1.14	.045	9.35	.368
CSA C22.2#239 Type CIC	**601093**	3	189	127			1.14	.045	9.86	.388
FT4 Flame Test	**601094**	4	224	151			1.14	.045	10.67	.420
	**601095**	5	260	175			1.14	.045	11.68	.460
	601096	6	295	198			1.14	.045	12.70	.500
	601097	7	324	218			1.14	.045	12.70	.500
	601098	8	370	249			1.52	.060	15.49	.610
	601099	9	411	276			1.52	.060	16.00	.630
	601100	10	488	328			1.52	.060	16.00	.630
	601101	11	495	333			1.52	.060	16.51	.650
	601102	12	535	359			1.52	.060	16.51	.650
	601103	13	580	390			1.52	.060	19.18	.755
	601104	14	609	409			1.52	.060	19.18	.755
	601105	15	646	434			1.52	.060	19.18	.755
	601106	16	675	454			1.78	.070	20.57	.810
	601107	17	722	485			1.91	.075	21.84	.860
	601108	18	751	505			1.91	.075	21.84	.860
	601109	19	781	525			1.91	.075	21.84	.860
	601110	20	831	558			2.03	.080	22.53	.887
	601111	21	860	578			2.03	.080	23.37	.920
	601112	22	914	614			2.16	.085	24.64	.970
	601113	23	944	634			2.16	.085	24.64	.970
	601114	24	1065	716			2.29	.090	26.42	1.040
	601115	25	1094	735			2.29	.090	26.42	1.040
	601116	26	1124	755			2.29	.090	26.42	1.040
	601117	27	1151	773			2.41	.095	26.42	1.070
	601118	28	1183	795			2.41	.095	27.94	1.100
	601119	29	1213	815			2.41	.095	27.94	1.100
	601120	30	1238	832			2.41	.095	27.94	1.100
	601121	37	1484	997			2.41	.095	30.23	1.190

-25°C Installed
-40°C to +90°C (Wet/Dry)

Color Code:
2 conductors — Black, White (If required, a Red conductor can be used in place of White.)
3 conductors — Black, Red, Blue (If required, a White conductor can be used in place of Blue.)
4 conductors — Black, Red, Blue, White
5 or more conductors — number coded

CSA Control Cable

600V Type TC/CIC Cables

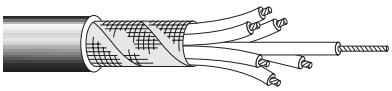
Description	Part Number	No. of Cond.	Cable Weight		Insulation Thickness		Jacket Thickness		Nominal OD	
			kg/km	Lbs./ 1000 Ft.	mm	Inch	mm	Inch	mm	Inch
12 AWG Stranded (7x20) Bare Copper • Separator Tape										
Cross-linked Polyethylene Insulation • Black PVC Jacket										
CSA C22.2#230 Type TC	**601122**	2	205	138			1.14	.045	10.26	.404
CSA C22.2#239 Type CIC	**601123**	3	242	163			1.14	.045	10.85	.427
FT4 Flame Test	**601124**	4	288	194			1.14	.045	11.84	.466
	**601125**	5	338	227			1.14	.045	12.93	.509
	601126	6	396	266			1.52	.060	14.07	.554
	601127	7	438	294			1.52	.060	14.07	.554
	601128	8	475	319			1.52	.060	17.27	.680
	601129	9	546	376			1.52	.060	18.54	.730
	601130	10	661	444			1.52	.060	19.23	.757
	601131	11	665	447			1.52	.060	19.23	.757
	601132	12	731	491			1.52	.060	19.23	.757
	601133	13	787	529			1.91	.075	22.10	.870
	601134	14	829	557			1.91	.075	22.10	.870
	601135	15	881	592			1.91	.075	23.37	.920
	601136	16	923	620			1.91	.075	23.37	.920
	601137	17	990	665			2.03	.080	24.64	.970
	601138	18	1032	693			2.03	.080	24.64	.970
	601139	19	1075	722			2.03	.080	24.64	.970
	601140	20	1145	769			2.03	.080	25.91	1.020
	601141	21	1187	798			2.03	.080	25.91	1.020
	601142	22	1259	846			2.03	.080	27.18	1.070
	601143	23	1302	875			2.03	.080	27.18	1.070
	601144	24	1452	976			2.03	.080	28.70	1.130
	601145	25	1495	1004			2.03	.080	28.70	1.130
	601146	26	1538	1033			2.03	.080	28.70	1.130
	601147	27	1561	1049			2.03	.080	28.70	1.130
	601148	28	1605	1078			2.03	.080	30.48	1.200
	601149	29	1648	1107			2.03	.080	30.48	1.200
	601150	30	1701	1143			2.03	.080	30.48	1.200
	601151	37	2049	1377			2.03	.080	31.17	1.227

-25°C Installed
-40°C to +90°C (Wet/Dry)

Color Code:
2 conductors — Black, White (If required, a Red conductor can be used in place of White.)
3 conductors — Black, Red, Blue (If required, a White conductor can be used in place of Blue.)
4 conductors — Black, Red, Blue, White
5 or more conductors — number coded

CSA Control Cable

600V Type TC/CIC Cables

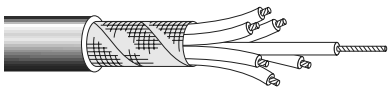
Description	Part Number	No. of Cond.	Cable Weight		Insulation Thickness		Jacket Thickness		Nominal OD	
			kg/km	Lbs/ 1000 Ft.	mm	Inch	mm	Inch	mm	Inch
10 AWG Stranded (7x18) Bare Copper • Separator Tape										
Cross-linked Polyethylene Insulation • Black PVC Jacket										
CSA C22.2#230 Type TC	**601152**	2	276	185			1.14	.045	11.18	.440
CSA C22.2#239 Type CIC	**601153**	3	338	227			1.14	.045	12.14	.478
FT4 Flame Test	**601154**	4	406	273			1.52	.060	14.07	.554
	**601155**	5	480	323			1.52	.060	16.26	.640
	601156	6	551	370			1.52	.060	16.69	.657
	601157	7	615	413			1.65	.065	17.78	.700
	601158	8	703	472			1.78	.070	19.56	.770
	601159	9	778	523			1.78	.070	20.83	.820
	601160	10	921	619			1.78	.070	22.61	.890
	601161	11	984	661			1.78	.070	22.61	.890
	601162	12	1029	691			1.78	.070	23.37	.920
	601163	13	1108	744			1.91	.075	24.89	.980
	601164	14	1171	787			1.91	.075	24.89	.980
	601165	15	1260	847			2.03	.080	26.42	1.040
	601166	16	1323	889			2.03	.080	26.42	1.040
	601167	17	1416	951			2.16	.085	27.94	1.100
	601168	18	1480	994			2.16	.085	27.94	1.100
	601169	19	1543	1037			2.16	.085	27.94	1.100
	601170	20	1679	1128			2.41	.095	30.23	1.190

-25°C Installed
-40°C to +90°C (Wet/Dry)

8 AWG Stranded (7x16) Bare Copper • Separator Tape

Cross-linked Polyethylene Insulation • Black PVC Jacket

CSA C22.2#230 Type TC	**601171**	2	421	283			1.52	.060	15.24	.600
CSA C22.2#239 Type CIC	**601172**	3	508	341			1.52	.060	15.72	.619
FT4 Flame Test	**601173**	4	623	419			1.91	.075	18.54	.730



-25°C Installed
-40°C to +90°C (Wet/Dry)

Color Code:
2 conductors — Black, White (If required, a Red conductor can be used in place of White.)
3 conductors — Black, Red, Blue (If required, a White conductor can be used in place of Blue.)
4 conductors — Black, Red, Blue, White
5 or more conductors — number coded

CSA Control Cable

600V ACIC Cables

Description	Part No.	No. of Cond.	Cable Weight		Inner Jacket OD		Armor OD		Outer Jacket		Maximum Pull Tension		Minimum Bend Radius	
			kg/km	Lbs./ 1000 Ft.	mm	Inch	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
18 AWG (7x26) Bare Copper • 18 AWG Bare Copper Ground Wire														
Aluminum Interlocked Armor • .030" (.76mm) XLPE Insulation • PVC Inner Jacket • Blue PVC Outer Jacket														
CSA C22.2#239	**601174**	2	244	163	8.13	.32	13.21	.52	15.75	.62	116	26	187.96	7.4
FT4 Flame Test	**601175**	3	264	177	8.64	.34	13.72	.54	16.26	.64	173	39	193.04	7.6
	601176	4	291	195	9.40	.37	14.48	.57	17.02	.67	231	52	203.20	8.0
	601177	5	327	219	10.41	.41	15.49	.61	18.03	.71	289	65	215.90	8.5
	601178	6	357	239	11.43	.45	16.51	.65	19.05	.75	347	78	228.60	9.0
	601179	7	366	245	11.43	.45	16.51	.65	19.05	.75	405	91	228.60	9.0
	601180	8	397	266	12.19	.48	17.27	.68	19.81	.78	463	104	236.22	9.3
	601181	10	494	331	14.22	.56	19.30	.76	22.10	.87	578	130	269.24	10.6
	601182	12	527	353	15.75	.62	20.83	.82	23.62	.93	694	156	281.94	11.1
	601183	15	599	401	16.51	.65	21.59	.85	24.38	.96	845	190	292.10	11.5
	601184	20	696	466	18.54	.73	23.62	.93	26.42	1.04	1112	250	314.96	12.4
	601185	25	879	589	20.07	.79	26.67	1.05	29.46	1.16	1312	295	353.06	13.9
	601186	30	1042	698	22.35	.88	28.96	1.14	31.75	1.25	1557	350	381.00	15.0
	601187	40	1234	827	24.64	.97	31.24	1.23	34.29	1.35	2091	470	411.48	16.2
	601188	50	1440	965	27.69	1.09	34.29	1.35	37.34	1.47	2625	590	447.04	17.6

HAZ LOC
CSA C22.2#0.3 Clause 4.31 Low Acid Gas

16 AWG (7x24) Bare Copper • 16 AWG Bare Copper Ground Wire

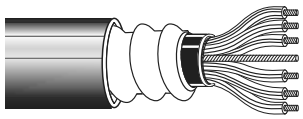
Aluminum Interlocked Armor • .030" (.76mm) XLPE Insulation • PVC Inner Jacket • Blue PVC Outer Jacket														
CSA C22.2#239	**601189**	2	301	202	8.64	.34	13.72	.54	16.51	.65	276	62	195.58	7.7
FT4 Flame Test	**601190**	3	330	221	9.14	.36	14.22	.56	16.76	.66	294	66	200.66	7.9
	601191	4	361	242	9.91	.39	14.99	.59	17.78	.70	365	82	210.82	8.3
	601192	5	394	264	10.67	.42	15.75	.62	18.54	.73	440	99	218.44	8.6
	601193	6	435	292	11.68	.46	16.76	.66	19.56	.77	512	115	231.14	9.1
	601194	7	469	314	11.94	.47	17.02	.67	19.56	.77	587	132	233.68	9.2
	601195	8	543	364	12.70	.50	17.78	.70	20.32	.80	663	149	243.84	9.6
	601196	10	615	412	15.49	.61	20.57	.81	23.37	.92	810	182	276.86	10.9
	601197	12	658	441	16.00	.63	21.08	.83	23.88	.94	956	215	284.48	11.2
	601198	15	749	502	17.27	.68	22.35	.88	25.40	1.00	1174	264	302.26	11.9
	601199	20	949	636	19.56	.77	26.16	1.03	28.70	1.13	1544	347	347.98	13.7
	601200	25	1261	845	22.61	.89	29.21	1.15	32.00	1.26	1913	430	383.54	15.1
	601201	30	1376	922	23.88	.94	30.48	1.20	33.02	1.30	2278	512	401.32	15.8
	601202	40	1655	1109	26.92	1.06	33.53	1.32	35.81	1.41	3016	678	439.42	17.3
	601203	50	1949	1306	30.23	1.19	36.83	1.45	39.12	1.54	3750	843	477.52	18.8
	601204	60	2075	1390	32.26	1.27	38.86	1.53	42.16	1.66	4515	1015	505.46	19.9

HAZ LOC
CSA C22.2#0.3 Clause 4.31 Low Acid Gas

XLPE = Cross-linked Polyethylene
Color Code: #1 conductor is white; remaining conductors are black with number coding. Other color codes available upon request.

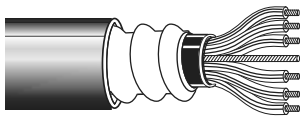
CSA Control Cable

600V Teck90 Cables

Description	Part No.	No. of Cond.	Cable Weight		Inner Jacket OD		Armor OD		Outer Jacket		Maximum Pull Tension		Minimum Bend Radius	
			kg/km	Lbs./ 1000 Ft.	mm	Inch	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
14 AWG (7x22) Bare Copper • 14 AWG Bare Copper Ground Wire														
Aluminum Interlocked Armor • .030" (.76mm) XLPE Insulation • PVC Inner Jacket • Black PVC Outer Jacket														
CSA C22.2#239	**601205**	2	296	198	9.14	.36	14.22	.56	16.76	.66	294	66	198.12	7.8
FT4 Flame Test	**601206**	3	331	222	9.91	.39	14.73	.58	16.76	.66	436	98	208.28	8.2
	**601207**	4	375	251	10.67	.42	15.75	.62	18.03	.71	583	131	215.90	8.5
	601208	5	424	284	11.94	.47	16.76	.66	18.80	.74	730	164	228.60	9.0
	601209	6	473	317	12.95	.51	17.78	.70	19.81	.78	850	191	241.30	9.5
	601210	7	494	331	12.95	.51	17.78	.70	19.81	.78	1001	225	241.30	9.5
	601211	8	618	414	14.73	.58	19.56	.77	21.84	.86	1157	260	264.16	10.4
	601212	10	761	510	17.02	.67	23.62	.93	24.13	.95	1428	321	312.42	12.3
	601213	12	822	551	17.53	.69	24.13	.95	24.64	.97	1726	388	320.04	12.6
	601214	15	949	636	19.56	.77	26.16	1.03	28.19	1.11	2140	481	358.14	14.1
	601215	20	1209	810	22.86	.90	29.46	1.16	31.50	1.24	2887	649	383.54	15.1
	601216	25	1415	948	22.86	.90	31.50	1.24	33.78	1.33	3603	810	408.94	16.1
	601217	30	1563	1047	26.67	1.05	33.02	1.30	35.56	1.40	4337	975	426.72	16.8
	601218	40	1955	1310	30.48	1.20	36.07	1.42	38.35	1.51	5788	1301	464.82	18.3
	601219	50	2418	1620	34.29	1.35	40.64	1.60	42.16	1.66	7251	1630	520.70	20.5

HAZ LOC
CSA C22.2#0.3 Clause 4.31 Low Acid Gas

12 AWG (7x20) Bare Copper • 14 AWG Bare Copper Ground Wire

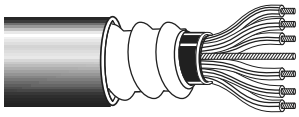
Aluminum Interlocked Armor • .030" (.76mm) XLPE Insulation • PVC Inner Jacket • Black PVC Outer Jacket														
CSA C22.2#239	**601220**	2	336	225	10.41	.41	15.24	.60	17.53	.69	463	104	210.82	8.3
FT4 Flame Test	**601221**	3	390	261	10.92	.43	15.75	.62	17.78	.70	694	156	218.44	8.6
	**601222**	4	449	301	11.94	.47	16.76	.66	18.54	.73	921	207	231.14	9.1
	601223	5	519	348	13.21	.52	18.03	.71	19.81	.78	1157	260	231.14	9.1
	601224	6	649	435	14.99	.59	19.81	.78	21.84	.86	1379	310	266.70	10.5
	601225	7	672	450	14.99	.59	19.81	.78	21.84	.86	1606	361	266.70	10.5
	601226	8	755	506	16.26	.64	21.08	.83	23.37	.92	1846	415	281.94	11.1
	601227	10	945	633	19.05	.75	25.65	1.01	25.91	1.02	2313	520	337.82	13.3
	601228	12	1039	696	19.56	.77	26.16	1.03	28.45	1.12	2754	619	342.90	13.5
	601229	15	1228	823	22.86	.90	29.46	1.16	31.50	1.24	3465	779	383.54	15.1
	601230	20	1545	1035	25.15	.99	31.75	1.25	34.04	1.34	4627	1040	419.10	16.5
	601231	25	1836	1230	27.94	1.10	34.54	1.36	36.83	1.45	5788	1301	447.04	17.6
	601232	30	2075	1390	30.48	1.20	37.08	1.46	38.35	1.51	6940	1560	447.04	17.6

HAZ LOC
CSA C22.2#0.3 Clause 4.31 Low Acid Gas

XLPE = Cross-linked Polyethylene
Color Code:
2 conductors — Black, White (If required, a Red conductor can be used in place of White.)
3 conductors — Black, Red, Blue (If required, a White conductor can be used in place of Blue.)
4 conductors — Black, Red, Blue, White
5 or more conductors — number coded

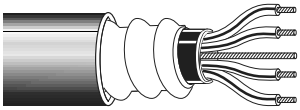
CSA Control Cable

600V Teck90 Cables

Description	Part No.	No. of Cond.	Cable Weight		Inner Jacket OD		Armor OD		Outer Jacket		Maximum Pull Tension		Minimum Bend Radius	
			kg/km	Lbs./ 1000 Ft.	mm	Inch	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
10 AWG (7x18) Bare Copper • 12 AWG Bare Copper Ground Wire														
Aluminum Interlocked Armor • .030" (.76mm) XLPE Insulation • PVC Inner Jacket • Black PVC Outer Jacket														
CSA C22.2#239	**601233**	2	415	278	12.19	.48	16.76	.66	18.29	.72	738	166	226.06	8.9
FT4 Flame Test	**601234**	3	488	327	12.70	.50	17.78	.70	19.05	.75	1108	249	233.68	9.2
	**601235**	4	604	405	14.48	.57	19.56	.77	20.07	.79	1468	330	256.64	10.1
	601236	5	727	487	16.00	.63	21.08	.83	23.62	.93	1846	415	292.10	11.5
	601237	6	830	556	17.27	.68	22.35	.88	23.62	.93	2184	491	292.10	11.5
	601238	7	936	627	17.53	.69	22.61	.89	25.15	.99	2447	550	299.72	11.8
	601239	8	1103	739	18.80	.74	23.88	.94	25.40	1.00	2669	600	314.96	12.4
	601240	10	1439	964	21.34	.84	27.94	1.10	31.50	1.24	3136	705	365.76	14.4
	601241	12	1593	1067	23.62	.93	30.23	1.19	32.00	1.26	3599	809	396.24	15.6
	601242	15	1936	1297	25.15	.99	31.75	1.25	34.80	1.37	4431	996	414.02	16.3
	601243	20	2307	1546	28.70	1.13	35.31	1.39	37.34	1.47	5908	1328	429.26	16.9
	601244	25	2690	1802	32.00	1.26	38.61	1.52	40.64	1.60	7389	1661	500.38	19.7
	601245	30	3197	2142	34.04	1.34	40.64	1.60	42.16	1.66	8862	1992	523.24	20.6

HAZ LOC
CSA C22.2#0.3 Clause 4.31 Low Acid Gas

8 AWG (7x16) Bare Copper • 10 AWG Bare Copper Ground Wire

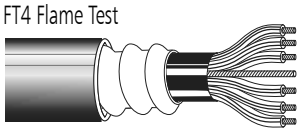
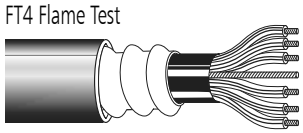
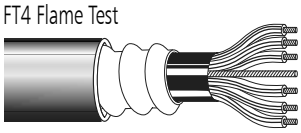
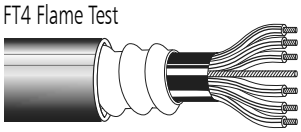
Aluminum Interlocked Armor • .045" (1.14mm) XLPE Insulation • PVC Inner Jacket • Black PVC Outer Jacket														
CSA C22.2#239	**601246**	2	607	407	14.99	.59	19.81	.78	21.84	.86	1174	264	269.24	10.6
FT4 Flame Test	**601247**	3	703	471	16.00	.63	21.08	.83	22.86	.90	1762	396	274.32	10.8
	**601248**	4	904	606	17.53	.69	22.61	.89	24.64	.97	2349	528	317.50	12.5

Dual Rated 600V, 1000V
HAZ LOC
CSA C22.2#0.3 Clause 4.31 Low Acid Gas

XLPE = Cross-linked Polyethylene
Color Code:
2 conductors — Black, White (If required, a Red conductor can be used in place of White.)
3 conductors — Black, Red, Blue (If required, a White conductor can be used in place of Blue.)
4 conductors — Black, Red, Blue, White
5 or more conductors — number coded

CSA Control Cable

600V Teck90 Cables

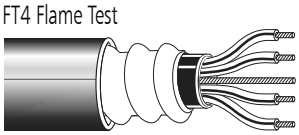
Description	Part No.	No. of Cond.	Cable Weight		Inner Jacket OD		Armor OD		Outer Jacket		Maximum Pull Tension		Minimum Bend Radius	
			kg/km	Lbs./ 1000 Ft.	mm	Inch	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
Composite 14 AWG (7x22) **and 12 AWG** (7x20) Bare Copper • 14 AWG Bare Copper Ground Wire														
Aluminum Interlocked Armor • .031" (.79mm) XLPE Insulation • PVC Inner Jacket • Black PVC Outer Jacket														
CSA C22.2#239 FT4 Flame Test	**601249**	3c/14 3c/12	551	369	14.73	.58	19.05	.75	22.61	.89	899	202	259.08	10.2
														
HAZ LOC CSA C22.2#0.3 Clause 4.31 Low Acid Gas														
Composite 14 AWG (7x22) **and 10 AWG** (7x18) Bare Copper • 12 AWG Bare Copper Ground Wire														
Aluminum Interlocked Armor • .031" (.79mm) XLPE Insulation • PVC Inner Jacket • Black PVC Outer Jacket														
CSA C22.2#239 FT4 Flame Test	**601250**	3c/14 3c/10	645	432	16.00	.63	20.32	.80	23.88	.94	1357	305	274.32	10.8
														
HAZ LOC CSA C22.2#0.3 Clause 4.31 Low Acid Gas														
Composite 14 AWG (7x22) **and 8 AWG** (7x16) Bare Copper • 10 AWG Bare Copper Ground Wire														
Aluminum Interlocked Armor • .046" (1.17mm) XLPE Insulation • PVC Inner Jacket • Black PVC Outer Jacket														
CSA C22.2#239 FT4 Flame Test	**601251**	3c/14 3c/8	907	608	17.78	.70	22.10	.87	27.18	1.07	1935	435	322.58	12.7
														
HAZ LOC CSA C22.2#0.3 Clause 4.31 Low Acid Gas														
Composite 14 AWG (7x22) **and 6 AWG** (7x14) Bare Copper • 8 AWG Bare Copper Ground Wire														
Aluminum Interlocked Armor • .061" (1.55mm) XLPE Insulation • PVC Inner Jacket • Black PVC Outer Jacket														
CSA C22.2#239 FT4 Flame Test	**601252**	3c/14 3c/6	1267	849	22.61	.89	29.21	1.15	32.26	1.27	2914	655	381.00	15.0
														
HAZ LOC CSA C22.2#0.3 Clause 4.31 Low Acid Gas														

XLPE = Cross-linked Polyethylene
Color Code:
2 conductors — Black, White (If required, a Red conductor can be used in place of White.)
3 conductors — Black, Red, Blue (If required, a White conductor can be used in place of Blue.)
4 conductors — Black, Red, Blue, White
5 or more conductors — number coded

CSA Control Cable

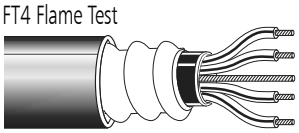
1000V Teck90 Cables

Description	Part No.	No. of Cond.	Cable Weight		Inner Jacket OD		Armor OD		Outer Jacket		Maximum Pull Tension		Minimum Bend Radius	
			kg/km	Lbs./ 1000 Ft.	mm	Inch	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
14 AWG (7x22) Bare Copper • 14 AWG Bare Copper Ground Wire														
Aluminum Interlocked Armor • .045" (1.14mm) XLPE Insulation • PVC Inner Jacket • Black PVC Outer Jacket														
CSA C22.2#239	**601253**	3	375	251	11.94	.47	17.02	.67	18.54	.73	436	98	233.68	9.2
FT4 Flame Test	**601254**	4	449	301	12.95	.51	18.03	.71	20.57	.81	583	131	246.38	9.7



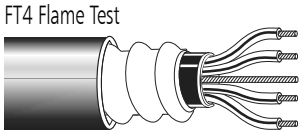
HAZ LOC
CSA C22.2#0.3 Clause 4.31 Low Acid Gas

12 AWG (7x20) Bare Copper • 14 AWG Bare Copper Ground Wire														
Aluminum Interlocked Armor • .045" (1.14mm) XLPE Insulation • PVC Inner Jacket • Black PVC Outer Jacket														
CSA C22.2#239	**601255**	2	378	253	12.19	.48	17.27	.68	18.80	.74	463	104	236.22	9.3
FT4 Flame Test	**601256**	3	434	291	12.95	.51	18.03	.71	19.30	.76	694	156	246.38	9.7
	601257	4	549	368	14.99	.59	20.07	.79	21.59	.85	921	207	274.32	10.8



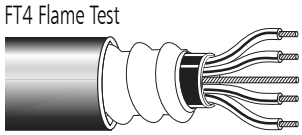
HAZ LOC
CSA C22.2#0.3 Clause 4.31 Low Acid Gas

10 AWG (7x18) Bare Copper • 12 AWG Bare Copper Ground Wire														
Aluminum Interlocked Armor • .045" (1.14mm) XLPE Insulation • PVC Inner Jacket • Black PVC Outer Jacket														
CSA C22.2#239	**601258**	2	425	285	14.22	.56	19.30	.76	20.07	.79	738	166	261.62	10.3
FT4 Flame Test	**601259**	3	581	389	14.99	.59	20.07	.79	21.59	.85	1108	249	274.32	10.8
	601260	4	687	460	16.51	.65	21.59	.85	22.86	.90	1468	330	292.10	11.5



HAZ LOC
CSA C22.2#0.3 Clause 4.31 Low Acid Gas

8 AWG (7x16) Bare Copper • 10 AWG Bare Copper Ground Wire														
Aluminum Interlocked Armor • .045" (1.14mm) XLPE Insulation • PVC Inner Jacket • Black PVC Outer Jacket														
CSA C22.2#239	**601261**	2	607	407	14.99	.59	19.81	.78	21.84	.86	1174	264	269.24	10.6
FT4 Flame Test	**601262**	3	703	471	16.00	.63	21.08	.83	22.86	.90	1762	396	274.32	10.8
	601263	4	905	606	17.53	.69	22.61	.89	24.64	.97	2349	528	317.50	12.5



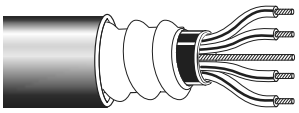
Dual Rated 600V, 100V
HAZ LOC
CSA C22.2#0.3 Clause 4.31 Low Acid Gas

XLPE = Cross-linked Polyethylene
Color Code:
2 conductors — Black, White (If required, a Red conductor can be used in place of White.)
3 conductors — Black, Red, Blue (If required, a White conductor can be used in place of Blue.)
4 conductors — Black, Red, Blue, White
5 or more conductors — number coded

CSA Control Cable

1000V Teck90 Cables

Description	Part No.	No. of Cond.	Cable Weight		Inner Jacket OD		Armor OD		Outer Jacket		Maximum Pull Tension		Minimum Bend Radius	
			kg/km	Lbs./ 1000 Ft.	mm	Inch	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
6 AWG (7x14) Bare Copper • 8 AWG Bare Copper Ground Wire														
Aluminum Interlocked Armor • .060" (1.53mm) XLPE Insulation • PVC Inner Jacket • Black PVC Outer Jacket														
CSA C22.2#239	**601264**	2	846	567	18.54	.73	25.15	.99	27.94	1.10	1868	420	325.12	12.8
FT4 Flame Test	**601265**	3	1066	714	19.81	.78	26.42	1.04	29.21	1.15	2803	630	340.36	13.4
	601266	4	1384	927	22.61	.89	29.21	1.15	31.50	1.24	3737	840	378.46	14.9

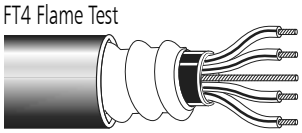


HAZ LOC
CSA C22.2#0.3 Clause 4.31 Low Acid Gas

4 AWG (7x12) Bare Copper • 8 AWG Bare Copper Ground Wire

Aluminum Interlocked Armor • .060" (1.53mm) XLPE Insulation • PVC Inner Jacket • Black PVC Outer Jacket

CSA C22.2#239	**601267**	3	1434	961	23.11	.91	29.72	1.17	31.24	1.23	4458	1002	386.08	15.2
FT4 Flame Test	**601268**	4	1794	1202	25.15	.99	31.75	1.25	33.78	1.33	5498	1236	411.48	16.2

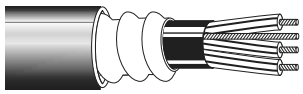


HAZ LOC
CSA C22.2#0.3 Clause 4.31 Low Acid Gas

3 AWG (7x11) Bare Copper • 6 AWG Bare Copper Ground Wire

Aluminum Interlocked Armor • .060" (1.53mm) XLPE Insulation • PVC Inner Jacket • Black PVC Outer Jacket

CSA C22.2#239 FT4 Flame Test	**601269**	3	1681	1126	24.64	.97	31.24	1.23	33.02	1.30	5619	1263	401.32	15.8

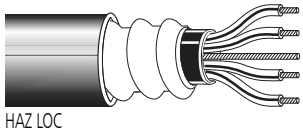


HAZ LOC
CSA C22.2#0.3 Clause 4.31 Low Acid Gas

2 AWG (7x10) Bare Copper • 6 AWG Bare Copper Ground Wire

Aluminum Interlocked Armor • .060" (1.53mm) XLPE Insulation • PVC Inner Jacket • Black PVC Outer Jacket

CSA C22.2#239	**601270**	3	1927	1291	25.91	1.02	32.51	1.28	34.80	1.37	7087	1593	419.10	16.5
FT4 Flame Test	**601271**	4	2524	1691	28.45	1.12	35.05	1.38	37.59	1.48	9449	2124	449.58	17.7



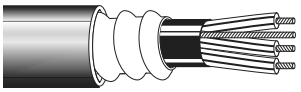
HAZ LOC
CSA C22.2#0.3 Clause 4.31 Low Acid Gas

XLPE = Cross-linked Polyethylene
Color Code:
2 conductors — Black, White (If required, a Red conductor can be used in place of White.)
3 conductors — Black, Red, Blue (If required, a White conductor can be used in place of Blue.)
4 conductors — Black, Red, Blue, White
5 or more conductors — number coded

CSA Control Cable

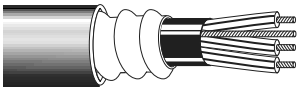
1000V Teck90 Cables

Description	Part No.	No. of Cond.	Cable Weight		Inner Jacket OD		Armor OD		Outer Jacket		Maximum Pull Tension		Minimum Bend Radius	
			kg/km	Lbs./ 1000 Ft.	mm	Inch	mm	Inch	mm	Inch	N	Lbs.	mm	Inch
1 AWG (19x14) Bare Copper • 6 AWG Bare Copper Ground Wire														
Aluminum Interlocked Armor • .080" (2.03mm) XLPE Insulation • PVC Inner Jacket • Black PVC Outer Jacket														
CSA C22.2#239 FT4 Flame Test	**601272**	3	2418	1620	31.75	1.25	38.35	1.51	40.39	1.59	8808	1980	495.30	19.5



HAZ LOC
CSA C22.2#0.3 Clause 4.31 Low Acid Gas

1/0 AWG (19x12) Bare Copper • 6 AWG Bare Copper Ground Wire														
Aluminum Interlocked Armor • .080" (2.03mm) XLPE Insulation • PVC Inner Jacket • Black PVC Outer Jacket														
CSA C22.2#239 FT4 Flame Test	**601273**	3	2854	1912	34.04	1.34	40.64	1.60	42.42	1.67	11122	2500	523.24	20.6



HAZ LOC
CSA C22.2#0.3 Clause 4.31 Low Acid Gas

XLPE = Cross-linked Polyethylene
Color Code:
2 conductors — Black, White (If required, a Red conductor can be used in place of White.)
3 conductors — Black, Red, Blue (If required, a White conductor can be used in place of Blue.)
4 conductors — Black, Red, Blue, White
5 or more conductors — number coded