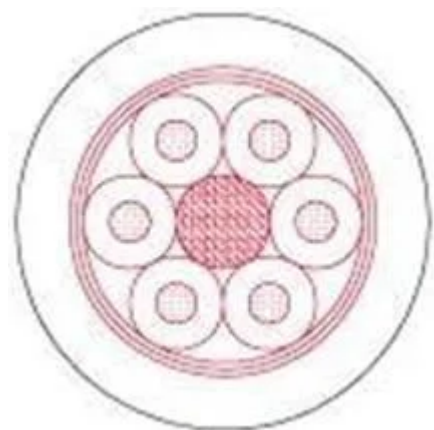




INNOVCABLE MOVFLEX ROBOT PUR SHIELD



- Conductor material: bare copper wire
- Conductor class: DIN VDE 0295 class 5 and IEC 60228 cl. 5
- Vein insulation: INNOVLON special for mobile applications, halogen-free
- White or black veins identified by sequential numbers in accordance with VDE 0293 with green ground (G)
- Central core (where applicable), torsion resistant
- Twisted in bundles
- Shielding: tinned copper mesh 85% coverage



- Outer layer: special PUR resistant to oils, greases, lubricants, coolants and acids; halogen-free
- External cover colour grey Ral 7001 or black RAL 9005
- Rated voltage: up to 0.75mm² - 300/500V; over 1.00mm² - 500/750V
- Voltage test: up to 0,75mm² - 2000V; over 1,00mm² - 3000V
- Conductor resistance: according to VDE 0295 class 5 and IEC 60228 class 5
- Insulation resistance: Min.20 MΩX Km at 20°C.
- Min. fixed bending radius: 10 x d.
- Min. movable bending radius: 5 x d
- Torção: < 10 mm – ± 360°/1,0 m; ≥ 10 mm – ± 360°/1,2 m; ≥15 mm – ± 360°/1,6 m; ≥20 mm – ± 360°/2,0 m

Identification

INNOVCABLE - MOVFLEX ROBOT PUR SHIELD n x mm² 300/500V OR 500/750V +90°C
OF:XXXX/YEAR.

Applicable Specifications

DIN VDE 0295 CLASS 6

IEC 60228 CLASS 6

DIN VDE 0293

RAL 7001 or 9005

Applications

Cable for control and power application in rotary tables, robotic assembly and welding systems involving torsion and constant motion and requiring protection against electromagnetic



interference. Special extrusion technology enables longer life and durability in continuous motion. Halogen free. Resistant to oils, greases, lubricants, coolants and acids. Excellent cost/benefit ratio. Low weight and low dimensionality. Excellent resistance to abrasion and outstanding durability, even under severe conditions of constant torsion.

Maximum Conductor Temperature

Min/max: -50°C / +90°C

Notes

- We can produce upon request several other cable options and configurations.
- Innovcable reserves the right to change this catalogue without prior notice.



DADOS DIMENSIONAIS

Dimensional n x mm ²	Diâmetro externo Ø mm	Peso do cobre kg/km	Peso kg/km
3G0,5	5,6	26,0	50,0
4G0,5	6,0	32,0	59,0
5G0,5	6,5	38,0	69,0
7G0,5	7,4	50,0	89,0
10G0,5	9,2	80,0	141,0
12G0,5	9,5	88,0	145,0
18G0,5	10,5	123,0	196,0
20G0,5	11,0	135,0	215,0
24G0,5	12,0	158,0	252,0
3G0,75	6,1	34,0	61,0
4G0,75	6,5	43,0	74,0
5G0,75	7,0	51,0	87,0
7G0,75	8,7	79,0	132,0
10G0,75	10,0	108,0	180,0
12G0,75	10,4	121,0	187,0
18G0,75	11,5	171,0	258,0
20G0,75	12,1	188,0	282,0
24G0,75	13,2	222,0	333,0
3G1	6,5	43,0	72,0
4G1	7,0	54,0	88,0
5G1	7,5	66,0	105,0
7G1	9,4	99,0	159,0
10G1	10,9	136,0	217,0
12G1	11,2	153,0	228,0
18G1	12,5	218,0	317,0
20G1	13,6	241,0	360,0
24G1	14,8	285,0	423,0
3G1,5	6,9	58,0	88,0
4G1,5	7,5	75,0	109,0
5G1,5	8,3	100,0	140,0
7G1,5	10,0	135,0	195,0
10G1,5	11,7	188,0	272,0
12G1,5	12,1	215,0	289,0
18G1,5	13,5	309,0	406,0
20G1,5	14,7	342,0	460,0
24G1,5	16,1	406,0	545,0
3G2,5	8,6	102,0	150,0
4G2,5	9,7	129,0	185,0
5G2,5	10,5	156,0	221,0
7G2,5	12,4	213,0	300,0
12G2,5	15,0	343,0	464,0
18G2,5	18,0	498,0	681,0

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