



INNOVCABLE FESTOONCABLE (N) GRDGCGÖU (C)-FC (EMV)



- Conductor material: Tinned copper wire.
- Conductor class: According to DIN VDE 0295 class 5 and IEC 60228 cl. 5.
- Vein insulation: CECO™ Special Elastomeric Compound.
- Vein colours: coloured veins with or without green earth (G).
- Conductors twisted in layers.
- Inner jacket: CECO™ Special Elastomeric Compound for mobile applications.
- Shielding: Tinned Copper Mesh with 80% coverage.
- Outer jacket: CEAC™ Elastomeric Compound Special for mobile applications; resistant to hydrolysis, oxidation, heat, flexible at low temperatures, abrasion, splashes of oil, grease and lubricants, UV resistance, ozone and weathering.
- External cover in black.
- Rated voltage: 0.6/1KV.
- Test voltage: 2500V
- Bending radius: according to VDE 0298 part 3.



- Conductor resistance: according to VDE 0295 class 5 and IEC 60228 class 5.
Flame behaviour: flameproof according to IEC 60332-2-1

Identification

INNOVCABLE FESTOONCABLE (N) GRDGCGÖU (C)-FC (EMV) n (G) X mm² 0,6/1KV
OF:XXXX/ANO.

Applicable Specifications

DIN VDE 0295 CLASS 5

IEC 60228 CLASS 5

VDE 0298 part 3

DIN EN 60332-2-1

DIN VDE 0250

Applications

Halogen-free power and control cables with very high mechanical requirements, which are often stranded. It is protected against electromagnetic interference (EMI). For use in lifting systems, overhead cranes, trolleys, festoons, moving machine parts, conveyor installations. Excellent lifetime and mechanical stress resistance, no data transmission failure. Resistant to hydrolysis, oxidation, heat, flexible at low temperatures, abrasion, splashes of oils, greases and lubricants, resistance to UV, ozone, bad weather, anti-flame. Free of silicone during production.

Maximum Conductor Temperature

Min/max: -40° C / +130° C



Notes

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



N. de condutores x seção nominal	Diamêtro do condutor	Diam. Ext. do Cabo Min. Valor	Diam. Ext. do Cabo Max. Valor	Peso Neto Aprox. para 1000 m	Força de tensão Max. Admissível
	mm	mm	mm	kg/km	N
1x16C	5.7	10.1	12.1	320	240
1x25C	7.1	12.8	14.8	450	375
1x35C	8.3	13.9	15.9	555	525
1x50C	9.8	15.7	17.7	745	750
1x70C	11.6	18.7	20.7	1090	1050
1x95C	13.8	20.8	22.8	1330	1425
1x120C	14.9	22.8	24.8	1580	1800
1x150C	17.2	25.6	28.6	2000	2250
1x185C	18.0	27.8	30.8	2330	2775
1x240C	22.5	31.9	34.9	3130	3600
4x2.5C	1.9	11.3	13.3	390	150
4x4C	2.9	15.7	17.7	505	240
4x6C	3.6	17.0	19.0	650	360
4x10C	4.6	19.7	21.7	930	600
3x16+3x2.5C	5.9	20.4	22.4	1070	720
3x25+3x4C	7.2	25.8	28.8	1810	1125
3x35+3x6C	8.1	28.6	31.6	2220	1575
3x50+3x10C	10.0	35.0	38.0	3090	2250
3x70+3x10C	11.8	39.7	42.8	4100	3150
5x16C	5.9	25.7	28.7	1610	1200
5x2.5C	1.9	12.7	14.7	435	188
12x1.5C	1.5	14.7	16.7	440	270
bus cable					
1x(2x0.5)C	0.9	8.0	10.0	135	15
4x(2x0.5)C	0.9	19.0	21.0	625	60
(4x2x0.5)C	0.9	19.2	21.2	605	60
6x(2x0.5)C	0.9	20.2	22.2	730	90
6x(2x1)C	1.3	26.3	29.3	1120	180