

PTFE multi-core cables

Fp (Fp...) 600V



Application

- Machinery and plant engineering
- Measuring device manufacture
- Sensor technology
- Temperature sensors
- Lamp and lighting industry
- Automotive industry

Market requirements

- High ambient temperatures
- Chemical resistance
- Mechanical resistance

Solution

- Strand copper; bare, tinned, silver-plated, nickel-plated in compliance with DIN EN 60228 VDE 0295:2005-09 (Class 1/2/5) or pure nickel
- Insulation DIN VDE 0207-6:2004-10 compliant PTFE
- Core colour to customer specification
- Rope-lay stranding
- Jacket DIN VDE 0207-6:2004-10 compliant PTFE
- Jacket colour to customer specification
- up to 130 °C copper, bare
- up to 180 °C copper, tinned
- up to 200 °C copper, silver-plated
- up to 300 °C copper, nickel-plated

Technical specifications

- Rated voltage 600 V
- Test voltage 2.0 kV
- Temperature rating **-190 °C to +260 °C**

Cross-section mm ²	Core-Ø nom. mm	Outer-Ø nom. mm	Weight kg/km
2 x 0.75	1.7	4.5	31
3 x 0.75		4.8	42
4 x 0.75		5.1	58
5 x 0.75		5.8	75
7 x 0.75		6.1	92
2 x 1	1.9	4.9	38
3 x 1		5.2	54
4 x 1		5.7	70
5 x 1		6.1	88
7 x 1		6.9	119
2 x 1.5	2.2	5.6	53
3 x 1.5		6.0	72
4 x 1.5		6.5	91
5 x 1.5		7.3	117
7 x 1.5		8.0	154
2 x 2.5	2.7	6.5	88
3 x 2.5		7.2	114
4 x 2.5		7.8	147
5 x 2.5		8.6	180
7 x 2.5		9.7	243



Find out why our cables withstand 1,250 °C.

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