

PTFE multi-core cables with braiding

FpCsB (Fp...) 600V



Application

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

Market requirements

- High ambient temperature
- Chemical resistance
- Mechanical resistance

Solution

- Strand copper; bare, tinned, silver-plated, nickel-plated or pure nickel (7 or 19-wire)
- Insulation VDE 0207-6:2004-10 compliant PTFE
- Core colour to customer specification
- Rope-lay stranding
- Separation tape
- Shielding braid 85 % coverage
- 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 (core/core), 1.5 kV (core/braid)
- Temperature rating **-190 °C to +260 °C**

Cross-section	Core-Ø nom.	Outer-Ø nom.	Weight
AWG	mm	mm	kg/km
2 x AWG26	0.889 – 1.092	3.6	25
3 x AWG26		3.8	30
4 x AWG26		3.9	35
5 x AWG26		4.4	44
6 x AWG26		4.9	51
7 x AWG26		4.9	54
2 x AWG24		1.016 – 1.219	3.8
3 x AWG24	4.0		35
4 x AWG24	4.2		39
5 x AWG24	4.8		51
6 x AWG24	5.0		55
7 x AWG24	5.0		63
2 x AWG22	1.168 – 1.372	4.1	36
3 x AWG22		4.3	44
4 x AWG22		4.9	54
5 x AWG22		5.3	64
6 x AWG22		5.7	72
7 x AWG22	5.7	78	
2 x AWG20	1.372 – 1.575	4.5	44
3 x AWG20		4.9	56
4 x AWG20		5.4	74
5 x AWG20		5.8	84
6 x AWG20		6.3	98
7 x AWG20		6.3	107



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

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