



BROKAtQAhVQ

Signalling cable, screened, armoured, protected
against interference

RAILWAY SIGNALLING AND TELECOMMUNICATIONS CABLES

Safety and control cable for fixed installation in infrastructure signalling
installations (e.g. railway installations, motorways). Suitable for fixed installation
in the open air or in cable ducts.



TECHNICAL DATA



Standard
MÁV. Standard P-12440/2002, P-3196/2008



Test Voltage
core/core 2 kV / 50 Hz
core/screen 3 kV / 50 Hz



Bending radius (min.)
12 x Ø of cable

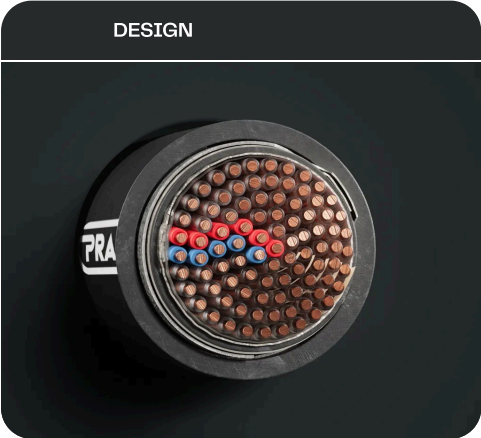


Core identification
Transparent, with tracer (red) and direction (blue) core in each layer



Temperature range
Laying temperature: min. -10°C
Operating temperature: -40°C up to 70°C

DESIGN



- 1 Copper conductor, round solid (RE)
- 2 Core insulation (PE), cores stranded in layers
- 3 Inner covering (plastic tape)
- 4 Screen (PE laminated aluminium tape)
- 5 Sheath (PE, black)
- 6 Screen (bare aluminium tape)
- 7 Armouring (two layers galvanized steel tapes)
- 8 Sheath (PE black, UV-resistant)

Electrical parameters

Conductor diameter	mm	1.5
Conductor resistance, max. at 20 °C	Ω/km	10.03
Insulation resistance, min. at 20 °C	MΩ/km	10000
Reduction factor at 50 Hz, 10 to 250 V/km	-	-

Number of cores x conductor diameter	Outer diameter appr. (mm)	Total weight appr. (kg/km)
2 x 1.5	15.9	326
4 x 1.5	16.9	395
7 x 1.5	18.4	491
10 x 1.5	20.9	619
14 x 1.5	21.9	719
21 x 1.5	24.6	933
30 x 1.5	27.4	1174
37 x 1.5	28.9	1342
48 x 1.5	31.8	1639
61 x 1.5	33.9	1952
75 x 1.5	37.2	2312
91 x 1.5	39.3	2686

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