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BRQKAtQAhVQ

Signalling cable, screened, armoured, protected against interference

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	15.9	326
4	16.9	395
7	18.4	491
10	20.9	619
14	21.9	719
21	24.6	933
30	27.4	1174
37	28.9	1342
48	31.8	1639
61	33.9	1952
75	37.2	2312
91	39.3	2686

Technical changes reserved. All figures are therefore without guarantee.



CONTACT PERSON

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