



BRQKA_tQA_hVQ

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 \varnothing of cable



Core identification

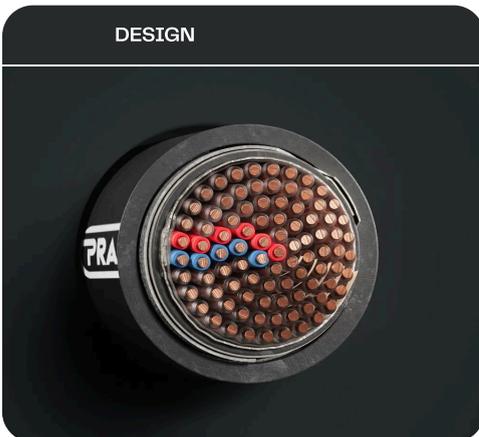
Transparent, with tracer (red) and direction (blue) core in each layer



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

CONTACT PERSON

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