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RAILWAY SIGNALLING AND TELECOMMUNICATIONS CABLES

BRQKA_tQA_hVQ

Signalling cable, screened, armoured,
protected against interference



TECHNICAL DATA



Standard

MÄV. 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

CONTACT PERSON

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