



We Make Modern
Life Possible

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

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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