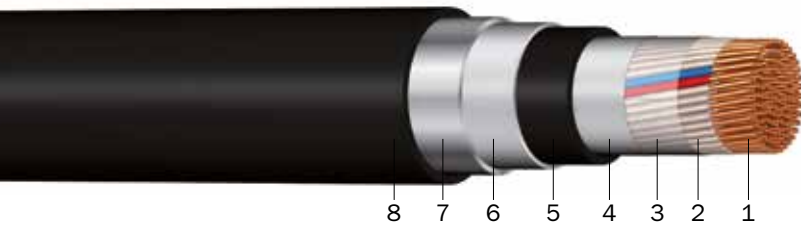


# BRQKAtQAhVQ

Signalling cable, screened, armoured, protected against interference

## 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 (galvanized steel tape, two layers)
- 8 | Sheath (PE black, UV-resistant)

## 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
- Temperature range:**  
laying temperature: min. -10 °C  
operating temperature: -40 °C to +70 °C
- Bending radius (min.):**  
12 x Ø of cable
- Core identification:**  
transparent, with tracer (red) and direction (blue) core in each layer

## APPLICATION

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.

### ELECTRICAL PARAMETERS

Conductor diameter	(mm)	1.0	1.5
Conductor resistance, max.	(Ω/km)	23.39	10.03
Insulation resistance, min.	(MΩ.km)	10,000	10,000
Reduction factor at 50 Hz, 10 to 250 V/km	(-)	2 to 14 wires ≤0.7 21 to 37 wires ≤0.6 48 to 91 wires ≤0.5	

Number of cores x nominal diameter (mm)	Outer diameter (mm) ca.	Total weight (kg/km) ca.	Standard lengths/packing (m)
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2 x 1 x 1	17.0	315	500 D, 1,000 D
4 x 1 x 1	17.0	330	500 D, 1,000 D
7 x 1 x 1	17.0	370	500 D, 1,000 D
10 x 1 x 1	17.5	420	500 D, 1,000 D

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Number of cores x nominal diameter (mm)	Outer diameter (mm) ca.	Total weight (kg/km) ca.	Standard lengths/packing (m)
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14 x 1 x 1	18.3	450	500 D, 1,000 D
21 x 1 x 1	19.5	525	500 D, 1,000 D
30 x 1 x 1	21.7	630	500 D, 1,000 D
37 x 1 x 1	22.6	775	500 D, 1,000 D
48 x 1 x 1	26.5	940	500 D, 1,000 D
61 x 1 x 1	27.7	1,090	500 D, 1,000 D
75 x 1 x 1	30.9	1,300	500 D, 1,000 D
91 x 1 x 1	32.1	1,480	500 D, 1,000 D
2 x 1 x 1.5	17.0	355	500 D, 1,000 D
4 x 1 x 1.5	17.0	360	500 D, 1,000 D
7 x 1 x 1.5	17.0	400	500 D, 1,000 D
10 x 1 x 1.5	19.5	520	500 D, 1,000 D
14 x 1 x 1.5	20.5	610	500 D, 1,000 D
21 x 1 x 1.5	22.0	780	500 D, 1,000 D
30 x 1 x 1.5	25.9	1,040	500 D, 1,000 D
37 x 1 x 1.5	27.4	1,200	500 D, 1,000 D
48 x 1 x 1.5	30.4	1,480	500 D, 1,000 D
61 x 1 x 1.5	31.9	1,760	500 D, 1,000 D
75 x 1 x 1.5	35.8	2,130	500 D, 1,000 D
91 x 1 x 1.5	37.3	2,460	500 D, 1,000 D

Subject to technical changes.