



We Make Modern
Life Possible

RAILWAY SIGNALLING AND TELECOMMUNICATIONS CABLES

TCEKPFLEZE

PE/PE railway safety ground cables, screened,
armoured



TECHNICAL DATA



Standard
TP PRAKAB 02/00



Certificate
EZÚ Czech Republic



Test Voltage
core/core 3 kV / 50 Hz
core/screen 3 kV / 50 Hz
core/armouring 6 kV / 50 Hz



Rated Voltage
380 V



Bending radius (min.)
10 x Ø of cable



Core identification
TP PRAKAB 02/00



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 (foam skin PE), cores star quaded and quads stranded in groups, core stranding petrol jelly filled
- 3 Inner covering (paper tape)
- 4 Concentric screen (PE-Al-PE tape)
- 5 Inner sheath (PE, black)
- 6 Armouring (Al wires with covering)
- 7 Outer sheath (PE, black, UV resistant)

Electrical parameters

Conductor diameter	mm	1
Loop resistance max	Ω/km	50
Insulation resistance, min. at 20 °C	MΩ/km	10
Capacitance unbalance, max. k	pF/m	0.83
Mutual capacitance, max.	nF/km	60
Impedance at 800 Hz	Ω	390
Attenuation at 800 Hz	dB/km	0.7

Number of pairs x nominal diameter	Outer diameter appr. (mm)	Total weight appr. (kg/km)
3 x 2 x 1	24.5	636
4 x 2 x 1	25.4	693
6 x 2 x 1	27.4	814
7 x 2 x 1	27.4	825
12 x 2 x 1	30.7	1045
16 x 2 x 1	32.8	1207
24 x 2 x 1	36.3	1510
30 x 2 x 1	38.5	1709
48 x 2 x 1	44.1	2294
61 x 2 x 1	47.6	2672

CONTACT PERSON

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