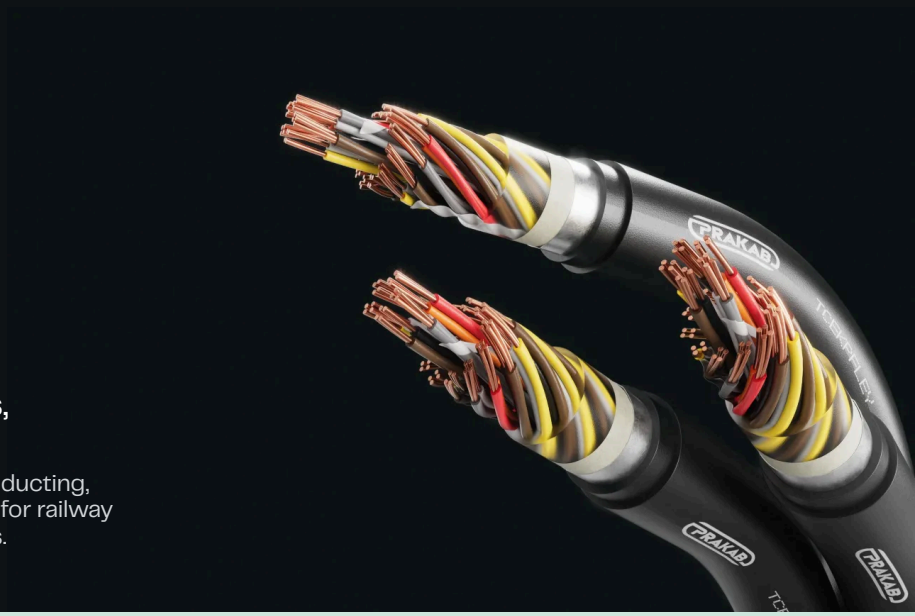
We Make Modern Life Possible.

TCEKPFLEY

PE/PVC railway safety ground cables, screened

The cables are waterproof and designed for cable ducting, laying in the ground, and for external environment for railway telecommunication, control and signaling systems.



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

Rated Voltage
380 V

Bending radius (min.)
10 x Ø of cable

Fire properties
EN 60332-1-2: self-extinguishing
CPR: Eca

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. Outer sheath (PVC black, UV-resistant)

Electrical Parameters		
Conductor diameter	mm	1
Loop resistance max	Ω/km	50
Conductor resistance, max. at 20 °C	Ω/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)
2 x 2 x 1	17.4	297
3 x 2 x 1	16.9	294
4 x 2 x 1	17.8	332
6 x 2 x 1	19.8	414
7 x 2 x 1	19.8	426
12 x 2 x 1	23.1	589
16 x 2 x 1	25.2	712
24 x 2 x 1	28.6	937
30 x 2 x 1	30.9	1098
48 x 2 x 1	36.5	1568
61 x 2 x 1	40.0	1888

Technical changes reserved. All figures are therefore without guarantee.



CONTACT PERSON

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