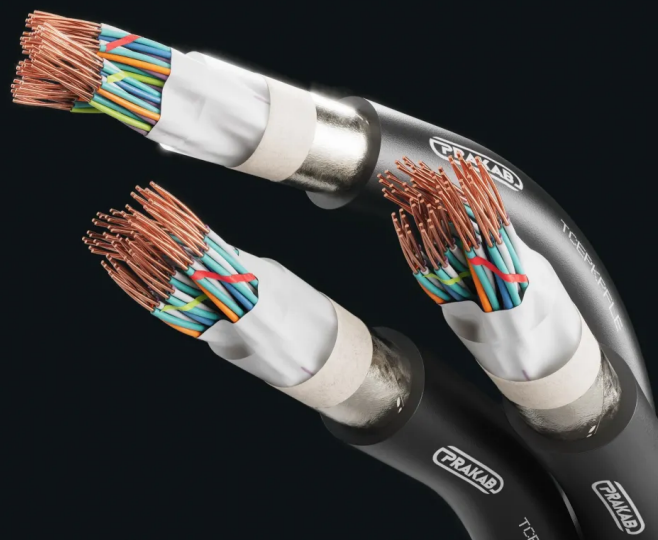


TCEPKPFLEY

PE/PE/PVC ground telecommunication cables,
screened



TECHNICAL DATA



Standard
TP PRAKAB 08/97
ČSN EN 60708



Certificate
EZÚ Czech Republic



Test Voltage
core/core 500 V / 50 Hz
core/screen 1000 V / 50 Hz



Rated Voltage
250 V



Bending radius (min.)
10 x Ø of cable



Core identification
ČSN EN 60708



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 Screen (copolymer laminated aluminium tape which is welded to the PE sheath)
- 5 Sheath (PE black, UV-resistant)
- 6 Sheath (PVC black, UV-resistant)

Electrical parameters

Loop resistance, max. at 20 °C	Ω/km	< 74
Insulation resistance, min. / tested	GΩ/km	1.5 / 10
Mutual capacitance, max. average	nF/km	42
Mutual capacitance, max. single	nF/km	49
Attenuation at 16 kHz, max.	dB/km	3
Attenuation at 80 kHz, max.	dB/km	5
Capacitance unbalanced, max. k1	pF/500 m	160
Conductor diameter	mm	0.8

Number of elements x element x conductor diameter	Outer diameter appr. (mm)	Total weight appr. (kg/km)
3 x 4 x 0.8	16.9	300
5 x 4 x 0.8	19.0	390
10 x 4 x 0.8	23.1	591
15 x 4 x 0.8	25.8	762
20 x 4 x 0.8	28.4	936

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