

TCEPKPFLEZE

PE/PE ground telecommunication cables,
screened, armoured



TECHNICAL DATA

	Standard TP PRAKAB 08/97 ČSN EN 60708		Bending radius (min.) 10 x Ø of cable
	Certificate EZÚ Czech Republic		Core identification ČSN EN 60708
	Test Voltage core/core 500 V / 50 Hz core/screen 1000 V / 50 Hz		Temperature range Laying temperature: min. -10°C Operating temperature: -40°C up to 70°C
	Rated Voltage 250 V		

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 (PE Al PE tape)
- 5 Sheath (PE, black)
- 6 Armouring (Al wires)
- 7 Sheath (PE 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	23.7	614
5 x 4 x 0.8	25.8	740
10 x 4 x 0.8	30.0	1035
15 x 4 x 0.8	32.6	1241
20 x 4 x 0.8	35.2	1470
25 x 4 x 0.8	37.9	1695
35 x 4 x 0.8	41.8	2098
50 x 4 x 0.8	47.3	2705

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