KONEKA

We Make Modern Life Possible.



TCEPKPFLEZE

PE/PE ground telecommunication cables, screened, armoured

The cables are waterproof, with a low reduction factor and are designed for external telecommunications and data networks, stored in the ground, cable ducts or pipes. Cables are also applicable to various types of transmission systems including ADSL2 + and VDSL2.

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 (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 capcitance, 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

Technical changes reserved. All figures are therefore without guarantee.



CONTACT PERSON

Jan Pietroň
Key Account Manager
+420 604 471 907
jan.pietron@koneka.cz