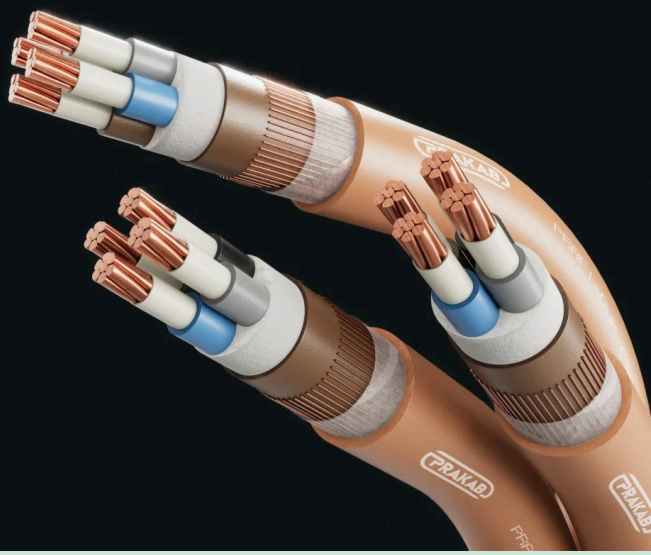
We Make Modern Life Possible.

SAFETY CABLES

PRAFlaDur C90

(N)HXCH FE180/E90, P90-R, PS90 SiR/FRNC energy cables, with circuit integrity, screened, UV-resistant

These cables are intended for the stationary distribution of electrical energy in dry or damp premises and for fixed installations in air or concrete. Suitable for hotels, hospitals, underground railways, airports etc. to protect people and technical building equipment in the event of fire.. Not allowed for installations underground or in water. These cables are UV-protected.



TECHNICAL DATA

Standard
TP PRAKAB 04/08

Certificate
EZÚ Czech Republic
TSÚS Slovakia

Test Voltage
core/core 4 kV / 50 Hz

Rated Voltage
0,6/1 kV

Bending radius (min.)
12 x Ø of cable (multicore)
15 x Ø of cable (singlecore)

Fire properties
ČSN EN 60332-1-2: self-extinguishing
ČSN EN 60754-2: halogen-free, non-corrosive combustion gases
ČSN EN 61034-2: low smoke emission
ČSN EN 60332-3-22: reduced flame propagation
ČSN 73 0895, STN 92 0205: circuit integrity
ČSN EN 13501-6: fire classification

Core identification
ČSN 33 0166 ed. 2
ČSN EN 50334

Temperature range
Laying temperature: min. -5°C
Operating temperature: -40°C up to 60°C
Conductor temperature: max. 90°C
Short circuit temperature: max. 250°C

DESIGN



1. Copper conductor, round solid (RE) resp. round stranded (RM)
2. Primary core insulation (silicone rubber)
3. Secondary core insulation (silicone rubber)
4. Inner covering (halogen-free filling compound)
5. Concentric screen (bare copper wires), counter helix (copper tape) and halogen-free plastic tape
6. Sheath (halogen-free polymer compound, brown)

Number of cores x nominal cross-section / cross-section of screen (mm²)	Max. conductor resistance (Ω/km)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
3 x 1.5 RE / 1.5	12.1	24	15.5	310
4 x 1.5 RE / 1.5	12.1	24	16.4	346
7 x 1.5 RE / 1.5	12.1	24	18.4	461
2 x 2.5 RE / 2.5	7.41	37	15.7	333
3 x 2.5 RE / 2.5	7.41	31	16.3	368
2 x 4 RE / 4	4.61	49	17.2	403
3 x 4 RE / 4	4.61	41	17.9	451
3 x 6 RE / 6	3.08	52	18.9	556
3 x 25 RM / 25	0.727	126	27.1	1530
4 x 25 RM / 16	0.727	126	30.2	1813
3 x 35 RM / 16	0.524	155	30.5	1887
4 x 35 RM / 16	0.524	155	33.0	2285
4 x 50 RM / 25	0.387	196	38.0	3097
3 x 70 RM / 35	0.268	247	40.0	3430
3 x 95 RM / 95	0.193	294	45.8	5062

Technical changes reserved. All figures are therefore without guarantee.



CONTACT PERSON

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