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INSTALLATION CABLES

FR-NO7V-A-R

PVC insulated wires, stranded



TECHNICAL DATA



Standard
adapted to EN 50525-2-31



Certificate
EZÚ Czech Republic



Test Voltage
2,5 kV / 50 Hz



Rated Voltage
450/750 V



Bending radius (min.)
5 x Ø up to 50 mm²
6 x Ø over 50 mm²



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



Core identification
According to EN 50525-1: BK, BU, BN, GY, OG,
PK, RD, VT, WH, GNYE



Temperature range
Laying temperature: min. 5°C
Operating temperature: -5°C up to 70°C
Conductor temperature: max. 70°C
Short circuit temperature: max. 160°C

DESIGN



Aluminium conductor, stranded wire (-R)



Core insulation (PVC)

Nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
16	1.91	7.0	72
25	1.2	8.6	111
35	0.868	9.6	142
50	0.641	11.2	193
70	0.443	12.9	270
95	0.32	15.1	365
120	0.253	17.1	450
150	0.206	18.4	545
185	0.164	20.7	670
240	0.125	23.1	859
300	0.1	26.8	1090

CONTACT PERSON

Vojtěch Cuřin
Product Supervisor
+420 731 226 023
vojtech.curin@prakab.com

