



FR-NO7V-A-R

PVC insulated wires, stranded

INSTALLATION CABLES

Conductors are designed for fixed installation as interconnecting conductors in dry environment, in pipelines, under the plaster, in devices and switchboards.



TECHNICAL DATA



Standard
adapted to EN 50525-2-31



Certificate
EZÚ Czech Republic
LCIE France



Test Voltage
2,5 kV / 50 Hz



Rated Voltage
450/750 V



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



- 1 Aluminium conductor, stranded wire (-R)
- 2 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	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

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