



FR-NO7V-A-R









PVC insulated wires, stranded

INSTALLATION CABLES

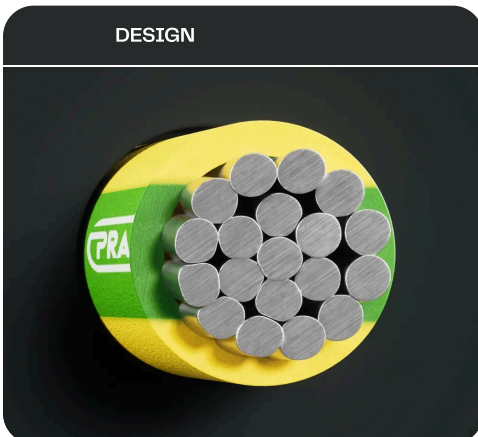
Conductors are designed for fixed installation as interconnecting conductors in dry environment, in pipelines, under the plaster, in devices and switchboards.



TECHNICAL DATA

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|--|--|--|
|  <p>Standard adapted to EN 50525-2-31</p> |  <p>Rated Voltage 450/750 V</p> |  <p>Core identification According to EN 50525-1: BK, BU, BN, GY, OG, PK, RD, VT, WH, GNYE</p> |
|  <p>Certificate EZÚ Czech Republic</p> |  <p>Bending radius (min.) 5 x ϕ up to 50 mm² 6 x ϕ over 50 mm²</p> |  <p>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</p> |
|  <p>Test Voltage 2,5 kV / 50 Hz</p> |  <p>Fire properties EN 60332-1-2: self-extinguishing CPR classification: Eca</p> | |

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 | 7.0 | 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 |

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