



NY2Y

PVC/PE copper energy cable

LOW VOLTAGE CABLES 0,6/1 kV

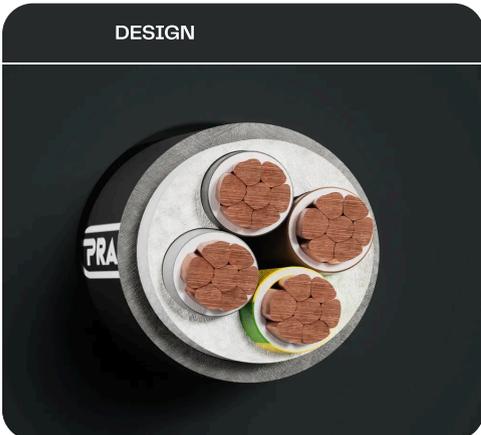
Power distribution cables in power stations, industrial installations and switchgears, as well as in local mains. For fixed installation underground, in interior premises, cable ducts, in the open air, in water – as permitted by the local building regulations– under severe mechanical stressing during installation and operation.



TECHNICAL DATA

| | | |
|--|---|--|
|  <p>Standard DIN VDE 0276–603 (HD 603)</p> |  <p>Rated Voltage 0,6/1 kV</p> |  <p>Core identification HD 308 S2</p> |
|  <p>Certificate VDE Germany</p> |  <p>Bending radius (min.) 12 x Ø of cable</p> |  <p>Temperature range Laying temperature: min. -5°C Operating temperature: -50°C up to 70°C Conductor temperature: max. 70°C Short circuit temperature: max. 160°C</p> |
|  <p>Test Voltage core/core 4 kV / 50 Hz</p> |  <p>Fire properties OPR Classification: Fca</p> | |

DESIGN



- 1 Copper conductor, round solid (RE), round stranded (RM) resp. sector-shaped stranded (SM)
- 2 Core insulation (PVC)
- 3 Inner covering (EPDM)
- 4 Sheath (HDPE black, UV-resistant)

| Number of cores x nominal cross-section (mm ²) | Max. conductor resistance (Ω/km) | Current rating in the earth (A) | Current rating in the air (A) | Outer diameter appr. (mm) | Total weight appr. (kg/km) |
|--|----------------------------------|---------------------------------|-------------------------------|---------------------------|----------------------------|
| 4 x 4 RE | 4.61 | 47 | 34 | 17.2 | 423 |
| 4 x 6 RE | 3.08 | 59 | 43 | 18.4 | 526 |
| 4 x 10 RE | 1.83 | 79 | 59 | 20.6 | 748 |
| 4 x 16 RM | 1.15 | 102 | 79 | 23.3 | 1048 |
| 4 x 25 RM | 0.727 | 133 | 106 | 27.1 | 1530 |
| 4 x 35 RM | 0.524 | 159 | 129 | 29.6 | 1972 |
| 4 x 50 SM | 0.387 | 188 | 157 | 31.6 | 2386 |

CONTACT PERSON

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