

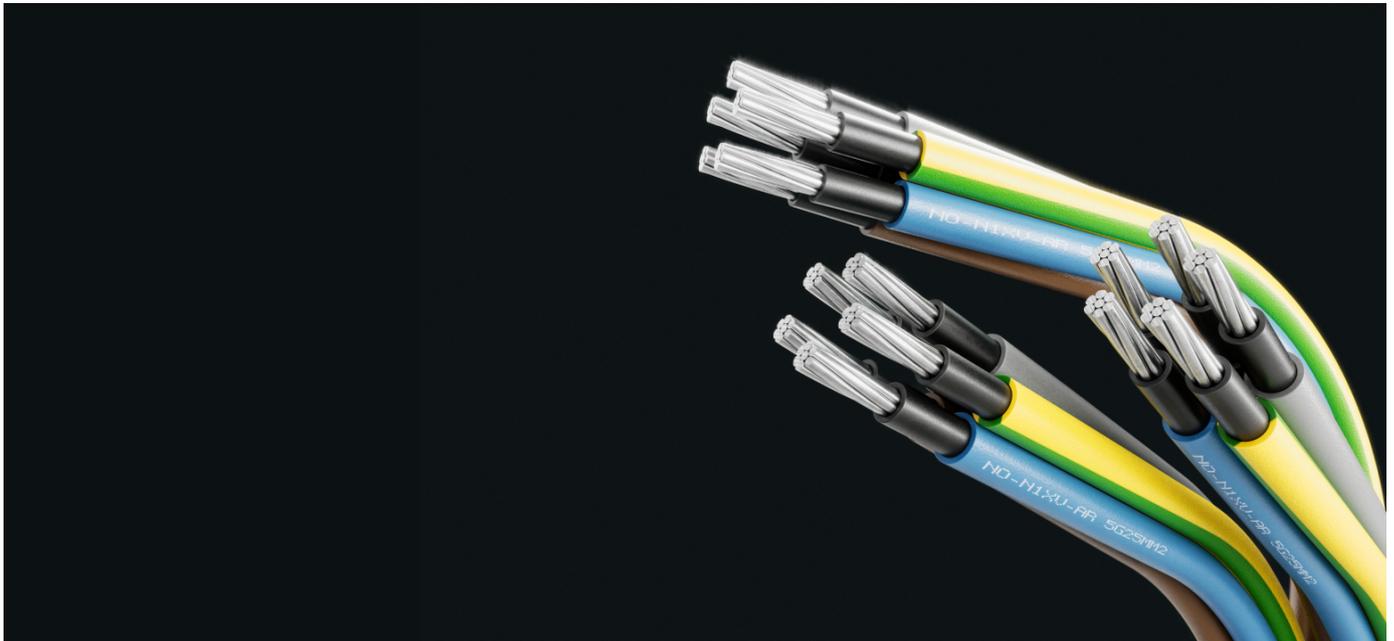


DATA-SHEET

PRALight TXXI

NO-N1XV-AR

XLPE/PVC aluminium energy cable



DESIGN

1. Aluminium conductor, round stranded (RM)
2. Core insulation (XLPE, black)
3. Core insulation (PVC, UV-resistant), cores colour according to HD308 S2

APPLICATION

Power distribution cables for special use like road lights and other general outdoor use. For fixed installation underground directly in soil. These cables are UV protected.

TECHNICAL DATA



Standard

adapted to IEC 60502-1
HD 604-5D
HD 603-3J



Test Voltage

core/core 4 kV / 50 Hz



Rated Voltage

0,6/1 kV



Bending radius (min.)

6 x \varnothing of cable



Fire properties

CPR Classification: Eca



Core identification

HD 308 S2



Temperature range

Laying temperature: min. -10°C
Operating temperature: -50°C up to 70°C
Conductor temperature: max. 90°C
Short circuit temperature: max. 250°C



PARAMETERS

| 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) |
|--|----------------------------------|---------------------------------|-------------------------------|---------------------------|----------------------------|
| 5 x 25 RM | 1.2 | 125 | 105 | 30.6 | 331 |
| 5 x 50 RM | 0.641 | 180 | 165 | 37.3 | 1270 |
| 5 x 95 RM | 0.32 | 260 | 245 | 47.5 | 2155 |

Technical changes reserved. All figures are therefore without guarantee.

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ADDITIONAL IMAGES

