

Power cable

YMeKrvaslqwd 20kV

Mittelspannungskabel, VPE-isoliert mit Cu- oder Al-Leiter, längswasserdichtem Schirm und PE-Mantel

12/20 kV



according NEN-HD620 S2.

| Characteristics | Properties | Unit |
|--|------------|------|
| Conductor surface | Bare | |
| Shape of conductor | Round | |
| Number of cores | 1 | Stck |
| Core identification according to HD 308 S2 | No | |
| Core identification | None | |
| Laminated sheath | No | |
| Fibre optic elements | No | |
| Protective conductor | No | |
| Inner semi-conducting layer | Yes | |
| Outer semi-conducting layer | Yes | |
| Screen | Yes | |
| Concentric conductor | None | |

| Characteristics | Properties | Unit |
|--|-------------------|-----------|
| Armouring | No | |
| Material outer sheath | Polyolefin | |
| Specification material outer sheath | Polyethylene (PE) | |
| Conductive coating | No | |
| Longitudinal water blocking screen | Yes | |
| Reaction-to-fire according to EN 13501-6: Class | Fca | |
| Halogen free (acc. EN 60754-1/2) | Yes | |
| Flame retardant | No | |
| Low smoke (acc. EN 61034-2) | No | |
| Max. conductor temperature | 90 | °C |
| Permitted cable outer temperature during assembling/handling | 20 <=> 70 | °C |
| Nominal voltage U0 | 12 | kV |
| Nominal voltage U | 20 | kV |
| max. short circuit temperature | 250 | °C |
| Insulation | XLPE (VPE) | |
| Minimum bending radius | 15 | x Außen-Ø |
| Min. permitted bending radius, stationary application/permanent installation | 552 | mm |

| Product | | | | | | | | Packaging | | |
|--|---------------------|--------------------|--------------------|--|---|--------------------------------|-------------------|------------|--------------------------|--------------------|
| Nominal cross section conductor (in mm²) | Colour outer sheath | Conductor category | Conductor material | Longitudinal water blocking conductors | Nominal cross section concentric conductor (in mm²) | Outer diameter approx. (in mm) | Weight (in kg/km) | Packing | Individual length (in m) | Net weight (in kg) |
| 25 | Red | Class 2 = stranded | Copper | No | 20 | 28 | 832.77 | Ring, Drum | Cut length | 832 |
| 150 | Red | Class 1 = solid | Aluminium | Yes | | 36 | 1,381.9 | Ring, Drum | Cut length | 1,382 |

| Product | | | | | | | | Packaging | | |
|---|---------------------|--------------------|--------------------|--|--|--------------------------------|-------------------|------------|--------------------------|--------------------|
| Nominal cross section conductor (in mm ²) | Colour outer sheath | Conductor category | Conductor material | Longitudinal water blocking conductors | Nominal cross section concentric conductor (in mm ²) | Outer diameter approx. (in mm) | Weight (in kg/km) | Packing | Individual length (in m) | Net weight (in kg) |
| 150 | Red | Class 1 = solid | Aluminium | Yes | | 36 | 1,381.9 | Ring, Drum | Cut length | 1,382 |
| 240 | Red | Class 1 = solid | Aluminium | Yes | 50 | 39 | 1,899.8 | Ring, Drum | Cut length | 1,875 |
| 240 | Red | Class 1 = solid | Aluminium | Yes | 25 | 41 | 1,741.6 | Ring, Drum | Cut length | 1,717 |
| 240 | Red | Class 1 = solid | Aluminium | Yes | | 39 | 1,757.3 | Ring, Drum | Cut length | 1,731 |
| 400 | Red | Class 1 = solid | Aluminium | Yes | 50 | 44 | 2,396.7 | Ring, Drum | Cut length | 2,398 |
| 630 | Red | Class 1 = solid | Aluminium | Yes | | 51 | 3,035.6 | Ring, Drum | Cut length | 3,065 |
| 630 | Black | Class 2 = stranded | Copper | No | 50 | 54 | 7,444.5 | Ring, Drum | Cut length | 7,331 |
| 800 | Red | Class 1 = solid | Aluminium | Yes | | 55 | 3,652.8 | Ring, Drum | Cut length | 3,652 |