

Power cable

Medium-voltage cable, XLPE insulated, copper conductor, polyethylene outersheath

N2XS2Y (3x) 10kV

6/10 kV



according VDE 0276 part 620.

| Characteristics | Properties | Unit |
|---------------------------------|--------------------|-----------------|
| Conductor material | Copper | |
| Conductor surface | Bare | |
| Nominal cross section conductor | 300 | mm ² |
| Conductor category | Class 2 = stranded | |
| Shape of conductor | Round | |
| Number of cores | 3 | |
| Core identification | None | |
| Laminated sheath | No | |
| Fibre optic elements | No | |
| Inner semi-conducting layer | Yes | |
| Outer semi-conducting layer | Yes | |
| Armouring | No | |

| Characteristics | Properties | Unit |
|--|-------------------|-----------|
| Material outer sheath | Polyolefin | |
| Specification material outer sheath | Polyethylene (PE) | |
| Colour outer sheath | Black | |
| Conductive coating | No | |
| Longitudinal water blocking conductors | No | |
| Longitudinal water blocking screen | No | |
| 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 | |
| Outer diameter approx. | 81 | mm |
| Weight | 10,322 | EU571166 |
| Max. conductor temperature | 90 | °C |
| Permitted cable outer temperature during assembling/handling | 20 <=> 70 | °C |
| Nominal voltage U0 | 6 | kV |
| Nominal voltage U | 10 | kV |
| max. short circuit temperature | 250 | °C |
| Insulation | XLPE (VPE) | |
| Minimum bending radius | 15 | x Außen-Ø |

| Packing | Individual length (in m) | Net weight (in kg) |
|------------|--------------------------|--------------------|
| Ring, Drum | Cut length | 10,326 |