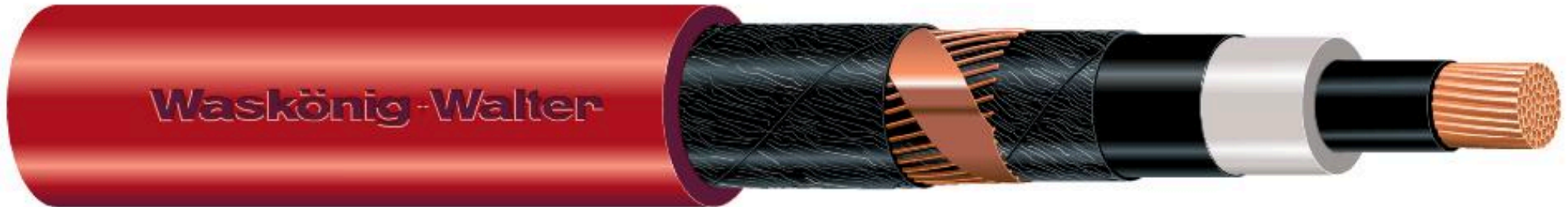


Power cable

Medium-voltage cable, XLPE insulated, copper conductor, PVC outsidersheath

N2XSJ 10kV

6/10 kV



according VDE 0276 part 620.

| Characteristics | Properties | Unit |
|-----------------------------|--------------------|------|
| Conductor material | Copper | |
| Conductor surface | Bare | |
| Conductor category | Class 2 = stranded | |
| Shape of conductor | Round | |
| Number of cores | 1 | |
| Core identification | None | |
| Laminated sheath | No | |
| Fibre optic elements | No | |
| Protective conductor | No | |
| Inner semi-conducting layer | Yes | |
| Outer semi-conducting layer | Yes | |

| Characteristics | Properties | Unit |
|--|-------------------------------------|-----------|
| Screen | Yes | |
| Concentric conductor | None | |
| Armouring | No | |
| Material outer sheath | Polyvinyl chloride (PVC) | |
| Specification material outer sheath | Other | |
| Colour outer sheath | Red | |
| 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) | No | |
| Flame retardant | In accordance with IEC/EN 60332-1-2 | |
| Low smoke (acc. EN 61034-2) | No | |
| Max. conductor temperature | 90 | °C |
| Permitted cable outer temperature during assembling/handling | -5 <=> 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 |

| Product | | | | Packaging | | |
|--|--|--------------------------------|----------------------|------------|--------------------------|--------------------|
| Nominal cross section conductor (in mm²) | Min. permitted bending radius, stationary application/permanent installation (in mm) | Outer diameter approx. (in mm) | Weight (in EU571166) | Packing | Individual length (in m) | Net weight (in kg) |
| 50 | 390 | 26 | 975.88 | Ring, Drum | Cut length | 974 |
| 70 | 420 | 28 | 1,202.2 | Ring, Drum | Cut length | 1,202 |

| Product | | | | Packaging | | |
|---|--|--------------------------------|----------------------|------------|--------------------------|--------------------|
| Nominal cross section conductor (in mm ²) | Min. permitted bending radius, stationary application/permanent installation (in mm) | Outer diameter approx. (in mm) | Weight (in EU571166) | Packing | Individual length (in m) | Net weight (in kg) |
| 95 | 450 | 30 | 1,468.8 | Ring, Drum | Cut length | 1,469 |
| 120 | 465 | 31 | 1,713.5 | Ring, Drum | Cut length | 1,714 |
| 150 | 495 | 33 | 2,073 | Ring, Drum | Cut length | 2,073 |
| 300 | 585 | 39 | 3,551.7 | Ring, Drum | Cut length | 3,552 |
| 400 | 630 | 42 | 4,447.2 | Ring, Drum | Cut length | 4,447 |
| 500 | 675 | 45 | 5,477.8 | Ring, Drum | Cut length | 5,478 |