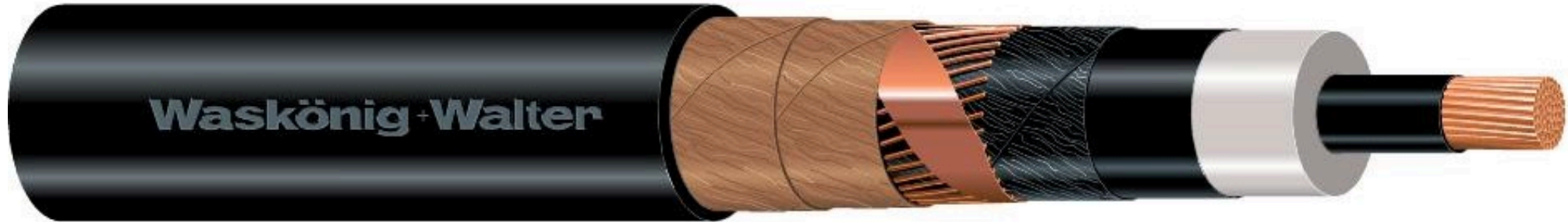


Power cable

N2XS(F)2Y 30kV

Medium-voltage cable, XLPE insulated, copper conductor, longitudinal water blocked screen, PE outersheath

18/30 kV



According to 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 | Polyolefin | |
| Specification material outer sheath | Polyethylene (PE) | |
| Colour outer sheath | Black | |
| Conductive coating | No | |
| Longitudinal water blocking conductors | 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 | 18 | kV |
| Nominal voltage U | 30 | kV |
| max. short circuit temperature | 250 | °C |
| Insulation | XLPE (VPE) | |
| Minimum bending radius | 15 | x Außen-Ø |
| Permitted cable outer temperature after assembling without vibration | -40 <=> 70 | °C |
| Nominal cross section concentric conductor | 25 | mm² |

| 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) |
| 70 | 555 | 37 | 1,488 | Ring, Drum | Cut length | 1,488 |

| 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) |
| 70 | | 37 | 1,666.3 | Ring, Drum | Cut length | 1,666 |
| 95 | 585 | 39 | 1,785 | Ring, Drum | Cut length | 1,785 |
| 120 | 600 | 40 | 2,038.8 | Ring, Drum | Cut length | 2,039 |
| 150 | 630 | 42 | 2,400.7 | Ring, Drum | Cut length | 2,401 |
| 240 | 690 | 46 | 3,342.2 | Ring, Drum | Cut length | 3,341 |
| 240 | | 46 | 3,760.7 | Ring, Drum | Cut length | 3,761 |
| 630 | | 59 | 7,502.5 | Ring, Drum | Cut length | 7,503 |