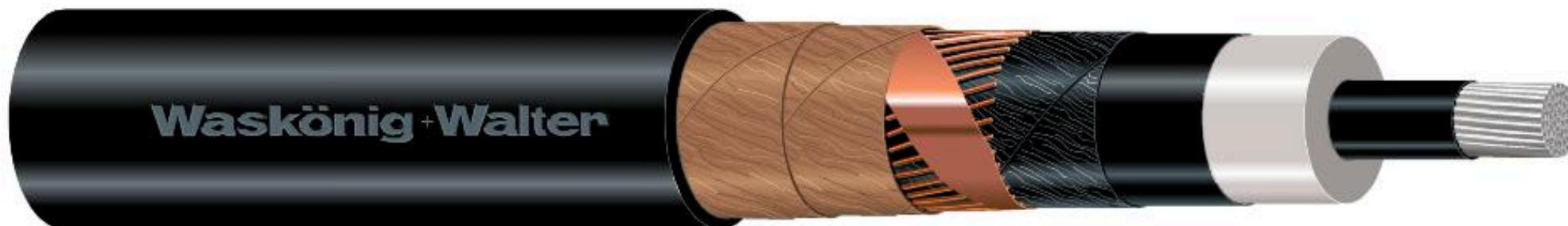


**Power cable**

**NA2XS(F)2Y 30kV**

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

18/30 kV



According to VDE 0276 part 620.

| Characteristics             | Properties         | Unit |
|-----------------------------|--------------------|------|
| Conductor material          | Aluminium          |      |
| 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       |
| Nominal cross section concentric conductor                   | 25                | mm <sup>2</sup> |
| Core identification according to HD 308 S2                   |                   |                 |

| Product   |  |                                |                      | Packaging  |                          |                    |
|---|--|--------------------------------|----------------------|------------|--------------------------|--------------------|
| Nominal cross section conductor (in mm <sup>2</sup> ) | 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  | 525  | 34                             | 962.51               | Ring, Drum | Cut length               | 963                |

| Product   |  |                                |                      | Packaging  |                          |                    |
|---|--|--------------------------------|----------------------|------------|--------------------------|--------------------|
| Nominal cross section conductor (in mm <sup>2</sup> ) | 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  | 36                             | 1,068.9              | Ring, Drum | Cut length               | 1,069              |
| 95  | 585  | 38                             | 1,218.6              | Ring, Drum | Cut length               | 1,219              |
| 120   | 600  | 39                             | 1,333.7              | Ring, Drum | Cut length               | 1,334              |
| 150   | 615  | 41                             | 1,512                | Ring, Drum | Cut length               | 1,512              |
| 185   | 645  | 43                             | 1,676.4              | Ring, Drum | Cut length               | 1,676              |
| 240   | 690  | 45                             | 1,899.9              | Ring, Drum | Cut length               | 1,902              |
| 240   |  | 45                             | 1,925.1              | Ring, Drum | Cut length               | 1,899              |
| 400   | 765  | 51                             | 2,569.7              | Ring, Drum | Cut length               | 2,572              |
| 500   | 810  | 54                             | 2,943.2              | Ring, Drum | Cut length               | 2,946              |