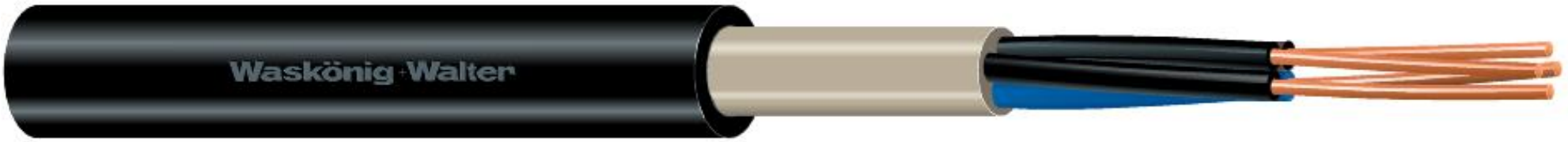
Waskönig + Walter

## Power cable

**N2XH-O Fca**

Power cable, XLPE insulated, copper conductor, halogen-free, improved behaviourin case of fire

0.6/1 kV




| Characteristics | Properties | Unit |
|---|---|---|
| Conductor material | Copper | |
| Conductor surface | Bare | |
| Conductor category | Class 2 = stranded | |
| Shape of conductor | Round | |
| Number of cores | 1 | |
| Core identification according to HD 308 S2 | Yes | |
| Core identification | Colour | |
| Laminated sheath | No | |
| Fibre optic elements | No | |
| Protective conductor | No | |
| Inner semi-conducting layer | No | |
| Outer semi-conducting layer | No | |
| Screen | No | |
| Concentric conductor | None | |
| Armouring | No | |

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| 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 | In accordance with IEC/EN 60332-3-24 | |
| Low smoke (acc. EN 61034-2) | Yes | |
| Max. conductor temperature | 90 | °C |
| Permitted cable outer temperature during assembling/handling | -5 <=> 70 | °C |
| Nominal voltage U0 | 0.6 | kV |
| Nominal voltage U | 1 | kV |
| max. short circuit temperature | 250 | °C |
| Insulation | XLPE (VPE) | |
| Minimum bending radius | 15 | x Außen-Ø |

| 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 kg/km) | Packing | Individual length (in m) | Net weight (in kg) |
| 95 | 255 | 17 | 965.7 | Ring, Drum | Cut length | 967 |
| 120 | 270 | 18 | 1,193.6 | Ring, Drum | Cut length | 1,195 |
| 150 | 315 | 21 | 1,481.2 | Ring, Drum | Cut length | 1,483 |

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| 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 kg/km) | Packing | Individual length (in m) | Net weight (in kg) |
| 185 | 345 | 23 | 1,823.2 | Ring, Drum | Cut length | 1,825 |
| 240 | 375 | 25 | 2,375.5 | Ring, Drum | Cut length | 2,378 |

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