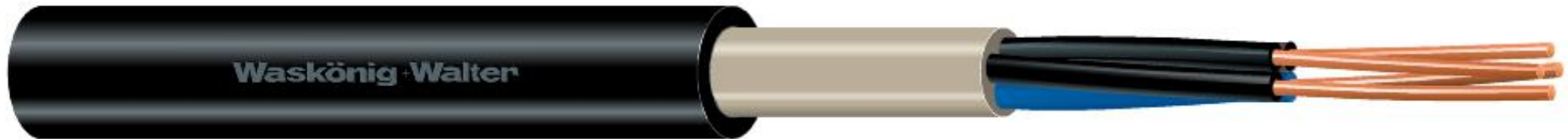


Power cable >= 1 kV, for permanent installation

N2XH-O

Starkstromkabel, VPE-isoliert mit Cu-Leitern, halogenfrei mit verbessertem Verhalten im Brandfall

0.6/1 kV



According to VDE 0276 part 604 and 627.

| Characteristics | Properties | Unit |
|-----------------------------|------------|------|
| Conductor material | Copper | |
| Conductor surface | Bare | |
| Shape of conductor | Round | |
| Insulation | XLPE (VPE) | |
| 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 | |

| Characteristics | Properties | Unit |
|--|----------------------------------|------|
| Material outer sheath | Polyolefin | |
| Specification material outer sheath | Polyethylene (PE) | |
| Colour outer sheath | Black | |
| Conductive coating | No | |
| Longitudinal water blocking screen | No | |
| Reaction-to-fire class according to EN 13501-6 | Fca | |
| Halogen free (acc. EN 60754-1/2) | Ja | |
| Flame retardant | In accordance with EN 60332-3-24 | |
| Low smoke (acc. EN 61034-2) | Ja | |
| 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 |
| Paletteinheit | 500 | m |

| Bruttogewicht pro Paletteinheit | Conductor category | Metal number | Min. permitted bending radius, stationary application/permanent installation | Minimum bending radius | Nominal cross section conductor | Number of cores | Outer diameter approx. | Individual length | Net weight | Packing |
|---------------------------------|--------------------|--------------|--|------------------------|---------------------------------|-----------------|------------------------|-------------------|------------|------------|
| | Class 2 = stranded | Copper 1440 | 315 mm | 15 x Außen-Ø | 150 mm ² | 1 Stck | 21 mm | Cut length | 1481 kg | Ring, drum |
| | Class 2 = stranded | Copper 1776 | 345 mm | 15 x Außen-Ø | 185 mm ² | 1 Stck | 23 mm | Cut length | 1823 kg | Ring, drum |
| | Class 2 = stranded | Copper 2304 | 375 mm | 15 x Außen-Ø | 240 mm ² | 1 Stck | 25 mm | Cut length | 2376 kg | Ring, drum |
| | Class 2 = stranded | Copper 2880 | 420 mm | 15 x Außen-Ø | 300 mm ² | 1 Stck | 28 mm | Cut length | 2952 kg | Ring, drum |

| Bruttogewicht pro Paletteinheit | Conductor category | Metal number | Min. permitted bending radius, stationary application/permanent installation | Minimum bending radius | Nominal cross section conductor | Number of cores | Outer diameter approx. | Individual length | Net weight | Packing |
|---------------------------------|--------------------|--------------|--|------------------------|---------------------------------|-----------------|------------------------|-------------------|------------|------------|
| | Class 2 = stranded | Copper 4128 | 480 mm | 12 x Außen- Ø | 120 mm ² | 3 Stck | 40 mm | Cut length | 4662 kg | Ring, drum |
| | Class 2 = stranded | Copper 6240 | 600 mm | 12 x Außen- Ø | 185 mm ² | 3 Stck | 50 mm | Cut length | 6769 kg | Ring, drum |
| | Class 1 = solid | Copper 38 | 105 mm | 15 x Außen- Ø | 4 mm ² | 1 Stck | 7 mm | Cut length | 72 kg | Ring, drum |
| | Class 1 = solid | Copper 58 | 105 mm | 15 x Außen- Ø | 6 mm ² | 1 Stck | 7 mm | Cut length | 92 kg | Ring, drum |
| | Class 1 = solid | Copper 96 | 120 mm | 15 x Außen- Ø | 10 mm ² | 1 Stck | 8 mm | Cut length | 132 kg | Ring, drum |
| | Class 2 = stranded | Copper 154 | 135 mm | 15 x Außen- Ø | 16 mm ² | 1 Stck | 9 mm | Cut length | 197 kg | Ring, drum |
| | Class 2 = stranded | Copper 240 | 165 mm | 15 x Außen- Ø | 25 mm ² | 1 Stck | 11 mm | Cut length | 294 kg | Ring, drum |
| | Class 2 = stranded | Copper 336 | 180 mm | 15 x Außen- Ø | 35 mm ² | 1 Stck | 12 mm | Cut length | 387 kg | Ring, drum |
| | Class 2 = stranded | Copper 480 | 195 mm | 15 x Außen- Ø | 50 mm ² | 1 Stck | 13 mm | Cut length | 508 kg | Ring, drum |
| | Class 2 = stranded | Copper 672 | 225 mm | 15 x Außen- Ø | 70 mm ² | 1 Stck | 15 mm | Cut length | 721 kg | Ring, drum |
| | Class 2 = stranded | Copper 912 | 255 mm | 15 x Außen- Ø | 95 mm ² | 1 Stck | 17 mm | Cut length | 966 kg | Ring, drum |
| | Class 2 = stranded | Copper 1152 | 270 mm | 15 x Außen- Ø | 120 mm ² | 1 Stck | 18 mm | Cut length | 1194 kg | Ring, drum |
| | Class 1 = solid | Copper 29 | 120 mm | 12 x Außen- Ø | 1.5 mm ² | 2 Stck | 9 mm | Cut length | 113 kg | Ring, drum |
| | Class 1 = solid | Copper 48 | 120 mm | 12 x Außen- Ø | 2.5 mm ² | 2 Stck | 10 mm | Cut length | 153 kg | Ring, drum |

| Bruttogewicht pro Paletteinheit | Conductor category | Metal number | Min. permitted bending radius, stationary application/permanent installation | Minimum bending radius | Nominal cross section conductor | Number of cores | Outer diameter approx. | Individual length | Net weight | Packing |
|---------------------------------|--------------------|--------------|--|------------------------|---------------------------------|-----------------|------------------------|-------------------|------------|------------|
| | Class 1 = solid | Copper 77 | 132 mm | 12 x Außen- Ø | 4 mm ² | 2 Stck | 11 mm | Cut length | 202 kg | Ring, drum |
| | Class 1 = solid | Copper 115 | 144 mm | 12 x Außen- Ø | 6 mm ² | 2 Stck | 12 mm | Cut length | 243 kg | Ring, drum |
| | Class 1 = solid | Copper 192 | 156 mm | 12 x Außen- Ø | 10 mm ² | 2 Stck | 13 mm | Cut length | 347 kg | Ring, drum |
| | Class 1 = solid | Copper 307 | 204 mm | 12 x Außen- Ø | 16 mm ² | 2 Stck | 17 mm | Cut length | 547 kg | Ring, drum |
| | Class 2 = stranded | Copper 3216 | 444 mm | 12 x Außen- Ø | 95 mm ² | 3 Stck | 37 mm | Cut length | 3616 kg | Ring, drum |
| 811,600 kg | Class 2 = stranded | Copper 1440 | 315 mm | 15 x Außen- Ø | 150 mm ² | 1 Stck | 21 mm | 500 m | 1481 kg | Drum |
| 1.055,600 kg | Class 2 = stranded | Copper 1776 | 345 mm | 15 x Außen- Ø | 185 mm ² | 1 Stck | 23 mm | 500 m | 1823 kg | Drum |
| 1.331,750 kg | Class 2 = stranded | Copper 2304 | 375 mm | 15 x Außen- Ø | 240 mm ² | 1 Stck | 25 mm | 500 m | 2376 kg | Drum |
| 1.619,750 kg | Class 2 = stranded | Copper 2880 | 420 mm | 15 x Außen- Ø | 300 mm ² | 1 Stck | 28 mm | 500 m | 2952 kg | Drum |
| 1.619,750 kg | Class 2 = stranded | Copper 1680 | 324 mm | 12 x Außen- Ø | 50 mm ² | 3 Stck | 27 mm | Cut length | 2010 kg | Ring, drum |
| 1.619,750 kg | Class 2 = stranded | Copper 3840 | 324 mm | 15 x Außen- Ø | 400 mm ² | 1 Stck | 32 mm | Cut length | 3760 kg | Ring, drum |
| 1.619,750 kg | Class 1 = solid | Copper 15 | 324 mm | 15 x Außen- Ø | 1.5 mm ² | 1 Stck | 6 mm | Cut length | 48 kg | Ring, drum |
| 1.619,750 kg | Class 2 = stranded | Copper 4800 | 324 mm | 15 x Außen- Ø | 500 mm ² | 1 Stck | 36 mm | Cut length | 4843 kg | Ring, drum |
| 1.619,750 kg | Class 2 = stranded | Copper 6048 | 324 mm | 15 x Außen- Ø | 630 mm ² | 1 Stck | 42 mm | Cut length | 6331 kg | Ring, drum |