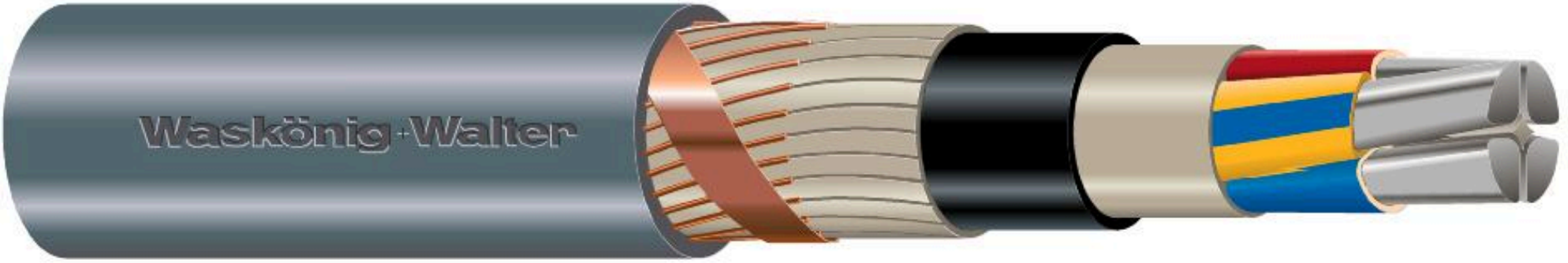
Waskönig + Walter

## Power cable

**V-VMvKsas**

Power cable, PVC insulated, aluminium conductor, concentric copper conductor wave-form

0.6/1 kV




According to NEN 3616.

| Characteristics | Properties | Unit |
|---|---|---|
| Conductor material | Aluminium | |
| Conductor surface | Bare | |
| Conductor category | Class 1 = solid | |
| Shape of conductor | Sector-shaped | |
| Number of cores | 4 | |
| Core identification according to HD 308 S2 | | |
| Core identification | Colour | |
| Protective conductor | No | |
| Inner semi-conducting layer | No | |
| Outer semi-conducting layer | No | |

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Subject to technical alterations

| Characteristics | Properties | Unit |
|---|---|---|
| Screen | No | |
| Concentric conductor | Copper | |
| Armouring | No | |
| Material outer sheath | Polyvinyl chloride (PVC) | |
| Specification material outer sheath | Other | |
| Colour outer sheath | Grey | |
| Cable geometry | | |
| Reaction-to-fire according to EN 13501-6: Class | Eca | |
| 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 | 70 | °C |
| Permitted cable outer temperature during assembling/handling | -2 <=> 70 | °C |
| Nominal voltage U0 | 0.6 | kV |
| Nominal voltage U | 1 | kV |
| Suitable as installation cable | | |
| Certified for shipboard application | | |
| Suitable as medium-voltage cable | | |
| Suitable as high-voltage cable | | |
| Certified as airport lighting cable | | |
| max. short circuit temperature | 160 | °C |
| Insulation | PVC | |
| Minimum bending radius | 12 | x Außen-Ø |
| pallet unit | 125 | m |
| Outer diameter | 1,250 | mm |
| Core diameter | 630 | mm |
| Height | 890 | mm |

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| Characteristics | Properties | Unit |
|---|---|---|
| Bruttogewicht pro Paletteinheit | 495.53 | kg |

| Product | | | | | | | | | | Packaging | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nominal cross section conductor (in $mm^2$) | Conductive coating | Fibre optic elements | Laminated sheath | Longitudinal water blocking conductors | Longitudinal water blocking screen | Min. permitted bending radius, stationary application/permanent installation (in mm) | Nominal cross section concentric conductor (in $mm^2$) | Outer diameter approx. (in mm) | Weight (in kg/km) | Packing | Individual length (in m) | Net weight (in kg) |
| 50 | | | | | | 420 | 25 | 33 | 1,872.5 | Ring, Drum | Cut length | 1,749 |
| 95 | No | No | No | Yes | No | 540 | 35 | 42 | 3,089.8 | Ring, Drum | Cut length | 2,812 |
| 95 | No | No | No | Yes | No | 540 | 35 | 44 | 3,089.8 | Drum | 125 | 352 |
| 150 | No | No | No | Yes | No | 612 | 50 | 49 | 4,183.4 | Ring, Drum | Cut length | 3,923 |

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