

Screened flexible power cable

H-FLEX C-PUR



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

Application: The cable is intended for flexible, portable, movable applications. Applications such as ship to shore cable, outdoor cranes and various industrial applications. It is suitable for flexible applications in machineries, machine tools, robot technics and can be submersed into water. The cable has good mechanical characteristics, high tensile strength, is abrasion resistant and resistant to UV, chemicals, oil and other fluids. The cable can be coiled back and forth. Suitable to dragchain use. Mud resistant according to NEK606.

Construction and technical data:

| | |
|--|--------------------------------|
| Conductor material: | copper, bare |
| Conductor construction: | Class 5 = flexible |
| Insulation: | XLPE |
| Core wrapping: | fleece |
| Screen: | copper braid |
| Screen coverage: | 94 % |
| Sheathing material: | polyurethan |
| Colour of outer sheath: | black |
| Flame-retardant: | VDE 0482-332-1-2/IEC 60332-1-2 |
| Halogen-free: | DIN EN 50267/IEC 60754 |
| Oil-resistant: | EN 60811-404 |
| Max. temperature at conductor, °C: | 90 °C |
| Permitted outer cable temperature, fixed, °C: | -60 - +80 °C |
| Permitted outer cable temperature, moved, °C: | -35 - +80 °C |

The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

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Nominal voltage U_o: 0.6 kV

Nominal voltage U: 1 kV

Maximum permitted operating voltage in three-phase systems: 1.2 kV

Nominal voltage (DC): 1.5 kV

| part no. | part name | Ø [mm] | Cu [kg/km] | G [kg] |
|----------|-----------|--------|------------|--------|
| 037239 | 03G1.5 | 10.5 | 79 | 130 |
| 037240 | 05G1.5 | 12 | 112 | 190 |
| 037241 | 07G1.5 | 13 | 141 | 230 |
| 037242 | 12G1.5 | 17 | 244 | 355 |
| 037243 | 18G1.5 | 19.5 | 377 | 500 |

Ø | outer diameter approx.

Cu | Copper weight (GER)

G | net weight per 1000