

High Flex Screened Cable PVC/PUR



Technical Data

JZ HF -YCP

- Special PUR drag chain cable
- Adapted to DIN VDE 0245, 0281, 0282

• **Temperature Range**

Flexing -5°C to + 80°C
Fixed installation -40°C to +80°C

- **Nominal Voltage**- 300/500V

- **Test Voltage** 4000V

• **Insulation Resistance**

Min 20 Mohm x KM

• **Minimum bending radius**

Flexing 10 x Cable Ø
Fixed installation 5 x Cable Ø

• **Radiation Resistance**

Up to 100 x10 cj/kg(up to 100 Mrad)

Cable Construction

- Bare Copper , Ultra-fine wire acc to DIN VDE 0295 Cl.6 col.4, BS6360 cl.6 and IEC 60228 cl.6

- Special core insulation of PVC T12 , adapted to DIN VDE 0281 part 1

- Black Cores with sequential numbering Imprinted in white acc to DIN VDE 0293

- Green-Yellow earth core 3 cores +

- Cores stranded together with optimal Lay length

- Fleece wrapping facilitates sliding

- Oil resistant PVC inner jacket

- One layer of tinned copper wire screening approx 85% coverage

- Special Full PUR outer sheath ,to DIN VDE 0282 part 10 app.A

- Colour Grey (RAL 7001)

Properties

- Suitable for outdoor lying and resistant to UV radiation , oxygen, ozone and hydrolysis, conditionally resistant to microbes
- Flame retardant according to DIN VDE 0482 part 265-2-1/EN 50265-2-1/ IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
- Adhesion Low
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Application

JZ-HF-YCP cable is extremely robust cable noted for its good tear and abrasion resistance. Due to its good performance with mineral oils and especially in connection with coolants, this cable is well suited for the machinery, tool making and steel industries in critical areas. Its high abrasion resistance and good flexibility make it quick and easy to install and, with its low bending radius , ideal for use in cable & power chains.

This product conforms with the EC low directive 73/23/EEC and 93/68/EEC