



High Flex Screened Cable PVC/PVC



Technical Data

JZ HF-CY

- Special PVC drag chain cable
- Requirements adapted to DIN VDE0281 Part 13

• **Temperature Range**

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

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

- **Test Voltage** 4000V

- **Breakdown Voltage** : Min 8000V

• **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 80x10 cj/kg(up to 80 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 Z7225

- 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

- One layer of tinned copper wire screening interwoven with synthetic cross helix to improve bending. Min coverage 80%.

- Special PVC outer sheath , TM2 to Din VDE 0281 part 1 and HD 21.1

- Colour Grey (RAL 7001)

Properties

- Extensively Oil resistant
- PVC self-extinguishing and 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)
- 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-CY cables are ideal for use in the machine tool industry , in robotics and machine production and anywhere where high flexibility is essential. These cables have shown excellent performance in combination with standard cable trays. These cables are suitable for flexible use for medium mechanical stresses with free movements.

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