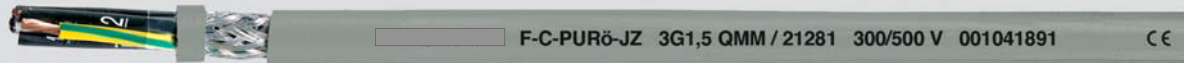




F-C-PURJZ - PVC/PUR Un-Bedded Screened Cable



Technical Data

F-C-PUR-JZ Un-Bedded

- Special Polyurethane Cable
- Requirements adapted to DIN VDE0245,0281 pt13
- **Temperature Range**
Flexing -5°C to + 80°C
Fixed installation -40°C to +80°C
- **Nominal Voltage**- 300/500V
- **Test Voltage** 3000V
- **Breakdown Voltage** : Min 6000V
- **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 100x10 cj/kg(up to 80 Mrad)

Cable Construction

- Bare Copper , Fine wire ,bunch stranded acc to DIN VDE 0295 Cl.5 , BS6360 cl.5 and IEC 60228 cl.5
- Oil Resistant PVC Core Insulation T!2
- 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
- Foil separator
- Tinned copper braided screening,approx 87% coverage.
- Special Full Polyerethane Outer jacket TMPU to Din 0282 Part10 App A
- Colour Grey (RAL 7001)

Properties

- Resistant to - UV Radiation , Oxygene, Ozone & Hydrolysis, Microbes
- 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

Extremely robust control cable characterised by high abrasion and notch resistant properties. Used for critical areas such as machinery,tooling and plant construction, rolling mills 7 steel works because of its resistance to mineral oils and coolant emulsions. An interference-free transmission of signals and pulses is assured by the high screening density.

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