



HITRONIC® POF DUPLEX cable version with PUR outer sheath for use in power chains, non-metallic, cable colour orange; J-V2Y(ZN)11Y

- J-V2Y(ZN)11Y
- Flexible POF cable designed for moving applications



Product description

Application range

- For highly flexible applications
- As a link between moving parts
- For optical signal transmission in industrial applications with high mechanical stress

Benefits

- Designed for use in power chains
- Transmission lengths up to 70 m
- Suitable for direct connector assembly
- Easy to handle
- EMC protection

Product Make-up

- Polymer Optical Fibre (POF)
- PE buffer tube
- Aramid yarns as strain relief
- PUR outer sheath
- Colour: orange (RAL 2003)

Product features

- Highly flexible
- Flame-retardant and halogen-free outer sheath
- Resistant to abrasion, oil, microbes and hydrolysis

Technical Data

Minimum bending radius

Static: ? 15 x outer diameter

Optical fibre type

Dynamic: ? 20 x outer diameter

Temperature range

Core material: PMMA

Cladding material: fluoropolymers

Permissible tensile force

Operation: -20 °C to +70 °C

Installation: -10°C to +50°C

Fixed installation: 100 N

Short-term: 400 N