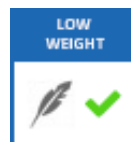




HITRONIC® POF DUPLEX PE cable with PE twin buffered fibres, PUR outer sheath, non-metallic strain relief, cable colour orange; J-V2Y(ZN)11Y 2P980/1000

- J-V2Y(ZN)11Y 2P 980/1000
- Duplex plastic fibre optic cable with strain relief and PUR outer sheath



Product description

Application range

- For optical signal transmission in industrial applications with high mechanical stress

Benefits

- EMC protection
- Transmission lengths up to 70 m
- Suitable for direct connector assembly
- Easy to handle
- No crosstalk

Product Make-up

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

Product features

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

Technical Data

Optical fibre type	Core material: PMMA
Temperature range	Cladding material: fluoropolymers Operation: -40 °C to +70 °C Installation: -10°C to +50°C
Permissible bending radius	Static: ? 30 mm (PE-PUR), ? 50 mm (Heavy PE-PUR) Dynamic: ? 50 mm (PE-PUR), ? 80 mm (Heavy PE-PUR)
Permissible tensile force	Fixed installation: 100 N (PE-PUR), 130 N (Heavy PE-PUR) Short-term: 400 N