



Transmission lengths up to 500 m; Suitable for direct connector assembly; Good resistance to oil, petrol, acids and alkalis; High mechanical strength; EMC protection

- PCF DUPLEX Indoor: J-V(ZN)H11Y 2K200/230
- PCF DUPLEX Outdoor: A-VQ(ZN)HB2Y 2K200/230
- Plastic-cladded fibre (PCF) cable compatible with all BUS systems



Product description

Application range

- For data transmission in field bus systems, such as PROFIBUS, INTERBUS etc.
- Industrial environments

Benefits

- Transmission lengths up to 500 m
- Suitable for direct connector assembly
- Good resistance to oil, petrol, acids and alkalis
- High mechanical strength
- EMC protection

Product Make-up

- Colour-coded, tight-buffered PCF sub-cable with FRNC sheath (2.9mm)
- Aramid yarns as strain relief
- PUR outer sheath (indoor);
PE outer sheath (outdoor)
- Colour: orange (indoor); black (outdoor)

Product features

- Possible transmission wavelengths:
650 nm and 850 nm
- Complies with requirements for all BUS systems
- Halogen-free outer sheath

Technical Data

Minimum bending radius

Static: ? 15 x outer diameter

Optical fibre type

Dynamic: ? 20 x outer diameter

Core material: glass

Temperature range

Cladding material: fluoropolymers

Operation: -20 °C to +70 °C

Permissible tensile force

Installation: -10°C to +50°C

Fixed installation: 400 N (indoor)

500 N (outdoor)

Short-term: 1200 N (indoor)

1500 N (outdoor)