



PROFINET compliant optical cables accordingly Type B and Type C with 2K200/230 PCF twin cable, colour coded; J-VY(ZN)Y, AT-V(ZN)Y(ZN)11Y

- PROFINET compliant- Type B or Type C
- J-V(ZN)YY 2K200/230J-V(ZN)Y(ZN)11Y 2K200/230 flexJ-V(ZN)Y(ZN)Y 2K200/230 flex



Product description

Application range

- PCF DUPLEX cables for optical signal transmission in industrial applications
- PROFINET / Industrial Ethernet
- At 100 Mbit/s: max 100 m cable length
- PROFINET type B:
for fixed laying
- PROFINET type C:
for flexible applications (power chains)

Benefits

- Optical data transmission up to 500m
- Easy to handle
- No interference by external fields
- No grounding problems

- Suitable for direct connector assembly

Product Make-up

- Colour-coded, tight-buffered PCF sub-cable with PVC sheath
- Sub cable outer diameter: 2.2mm
- Aramid yarns as strain relief
- Outer sheath material PUR or PVC (see article description)
- Outer sheath colour: green (RAL 6018)

Norm references / Approvals

- 28055702: with c(UL)us certification (OFNG 75°C)

Product features

- Cable version with PVC outer sheath:
for standard applications in industrial environments
- Cable version with PUR outer sheath:
for high mechanical or chemical stress in industrial environments
- PNB - PROFINET-Type B
- PNC - PROFINET-Type C
- FD - Highly flexible (power chains)

Technical Data

Dimensions

Sub cable outer diameter: 2.2mm

Core identification code

Cable: see table

Minimum bending radius

Black, orange (with arrow printing)

Optical fibre type

see data sheet

Core material: glass

Temperature range

Cladding material: fluoropolymers

Permissible tensile force

See data sheet

see data sheet