



PROFINET compliant optical cables accordingly Type B and Type C with 2P980/1000 POF twin buffered fibres, colour coded; J-V4Y(ZN)11Y; J-V4Y(ZN)Y

- PROFINET compliant- Type B or Type C
- J-V4Y(ZN)11Y 2P980/1000J-V4Y(ZN)Y 2P980/1000J-V4Y(ZN)11Y 2P980/1000 flex



Product description

Application range

- For optical signal transmission in industrial applications
- PROFINET / Industrial Ethernet
- At 100 Mbit/s: max 50 m cable length
- PROFINET type B:
for fixed laying
- PROFINET type C:
for flexible applications (power chains)

Benefits

- Optical data transmission up to 70m
- Easy to handle
- No interference by external fields
- No grounding problems

- Suitable for direct connector assembly

Product Make-up

- Polymer Optical Fibre (POF)
- PA buffer tube
- Fibre colour coding: black, orange (with arrow printing)
- Aramid yarns as strain relief
- Outer sheath material PUR or PVC (see article description)
- Outer sheath colour: green (RAL 6018)

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	Buffered fibre: 2.2mm
Core identification code	Cable: see table
Optical fibre type	Black, orange (with arrow printing)
Temperature range	Core material: PMMA
Permissible bending radius	Cladding material: fluoropolymers
Permissible tensile force	Operation: -20 °C to +70 °C
	Installation: -10°C to +50°C
	? 10 x outer diameter
	see data sheet