

Start set Optospider™ 650nm simplex

Contents:

The start set comprises:

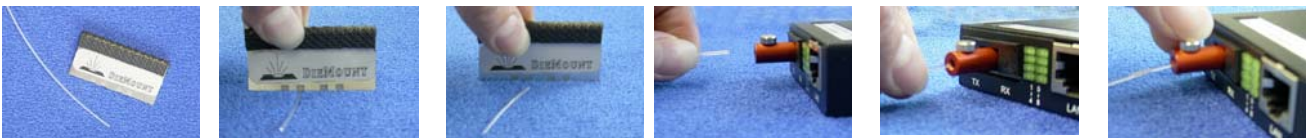
- 2 Optospider™ 650nm simplex media converters with external power supply
- 30 m simplex standard POF (polymer optical fiber)
- 1 POF-cutting tool
- instruction manual

Description:

The start set is intended to realize a Fast Ethernet LAN link via POF. Private inhouse networks and small office LAN are the main applications. Due to the connection technique without connectors the POF is very easy to install (see figures below). Installation is enhanced further by the small simplex fiber cable diameter of 2.3 mm only. A Start set comprising 1mm transparent bare fiber is available, too. In full duplex operation mode this cable transmits the data signals simultaneously in both directions. Special transceiver modules with very low cross talk splitters allow this directivity multiplex operation with one system wavelength only. To avoid coupling losses the special POF-cutting tool allows quality cuts of the POF endface.

Characteristics:

- Guaranteed 100 Mbit/s data transmission via a simplex POF cable
- Stable and robust steel media converter housings
- External power supply (power supply cable directly from an USB-port in preparation)
- Guaranteed transmission distance 30 m
- Very easy installation without cable connectors
- Simultaneous up and down link data transmission in full duplex operation
- Identical network modules both operating with 650 nm wavelength (no WDM)



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