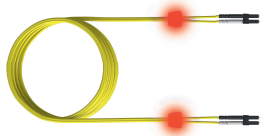


The Fibre Optic LED Patch Cable

Our duplex fibre optic LED patch cables have been developed for use in offices, in industry and computer centres.

Singlemode* Characteristics

Sheath FRNC, ICE 60332-1, IEC 60754-2, IEC 61034
Plugs 2 fibre optic connectors LC, SC, ST, E2000 in every combination. PC/APC connector loss, typical: 0.25 dB
Fibre Singlemode 9/125 µm **OS2**
Loss @ 1310/1550 nm: 0.37/0.39 dB/km



Multimode* Characteristics

Sheath FRNC, ICE 60332-1, IEC 60754-2, IEC 61034
Plugs 2 fibre optic connectors LC, SC, ST in every combination.
Connector loss, typical: 0.25 dB
Fibre Multimode 50/125µm **OM3/OM4**
Bandwidth @ 850/1300 nm >1500/500 MHz/km
Loss @ 1300 nm: 0.8 dB/km
Performance @ 850 nm 1/10Gb/s max. 1000/300 m



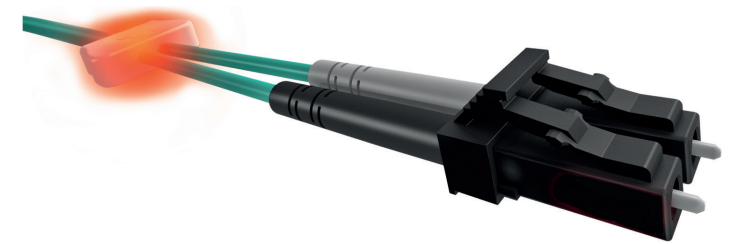
Communication Cabling and Network Technology

- Consulting, planning & implementation of:
 - Equipment rooms & data centers / enclosures
 - Individual data center visualizations in 3D
 - Preparation of contract specifications
 - LAN / WAN installation (office, industry)
 - WLAN coverage
 - Hardware procurement (HP, Dell, Cisco Partner)
 - IP telephony
 - Camera surveillance
 - Relocation management for technical equipment
 - Accident prevention inspections to DGUV V3
 - Cabling for media technology & conference room equipment (HD Base T, HDMI, DVI)
 - Technical building documentation in AutoCAD & FNT Command
 - Structural & technical baseline studies
 - Fire fighting, escape and rescue route plans
- Data center check
- EnviMonitor DCIM software
- Engineering of 19" racks, cabinets, panels
- Sale of individual 19" solutions
- Network analysis, troubleshooting
- Training
- 24-hour service



The New Fibre Optic LED Patch Cables

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IT MANIFAKTUR



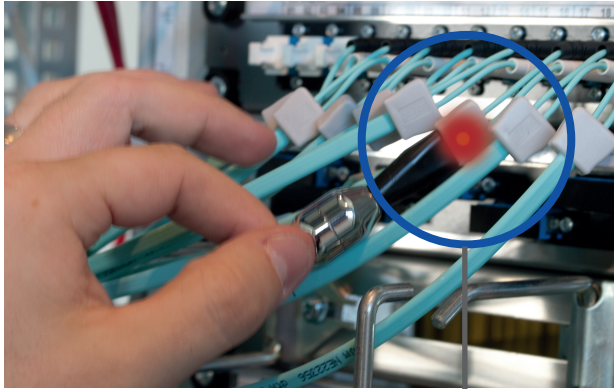
Light up and see!

*We mark the cables individually according to your requirements and specifications.



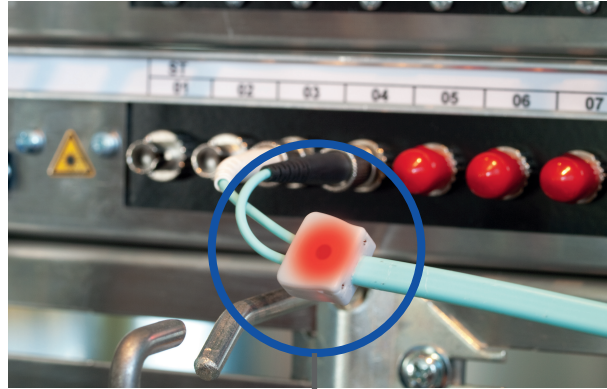
So easy ...

Simply switch the detector on, connect it to the contact pair at the cable end and press the button ...



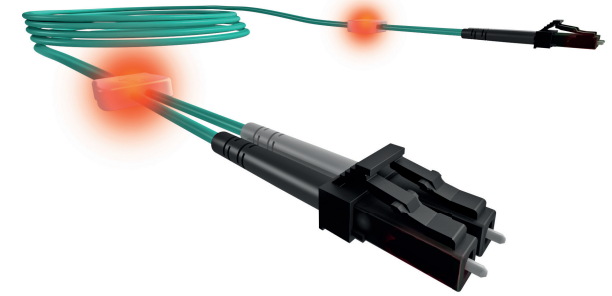
... and so helpful

and the other end of the patch cable responds with a light signal.



Ideally Suited

The duplex fibre optic LED patch cables are an ideal solution for high operational reliability in office and industrial environments and data centres.



The detector

Switch the detector on and connect it to the contact pair at the cable end. Press the detector button to activate the identification light. You can choose from three different light signal modes (light on, flashing slowly, flashing rapidly). The other end of the fibre optic LED patch cable will then respond with the same light signal and can thereby be identified unambiguously. Unintentional pulling of the duplex cables is effectively prevented.

The Fibre Optic LED Patch Cable

Besides the special light identification feature, the fibre optic LED patch cable offers everything you would expect from a high-quality fibre optic patch cable today: Halogen-free, accurate termination and the best possible transmission characteristics of the high-grade fibre categories OM3, OM4 and OS2. The cable construction, high-quality fibre optic connectors and our in-house connector termination process ensure constant excellent optical transmission characteristics and a maximum degree of data security.

Application

The station and patch cables are suitable for use in structured building cabling systems compliant with ISO/IEC 11801 and EN 50173-x.

Their range of applications includes all common services such as ATM, FDDI, Ethernet 1000BaseLX, 10GBaseLX4, 10GBaseLR/LW, 10GBaseER/EW and Fiber Channel.