

LED Fiber-Optic Patch Cable

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Our LED duplex fiber-optic patch cables are designed for use in offices, industrial settings, and data centers. Both connector and patch cable fully comply with structured building cabling standards ISO/IEC 11801 and EN 50173-x.

Application Range

Supports all common services, including:

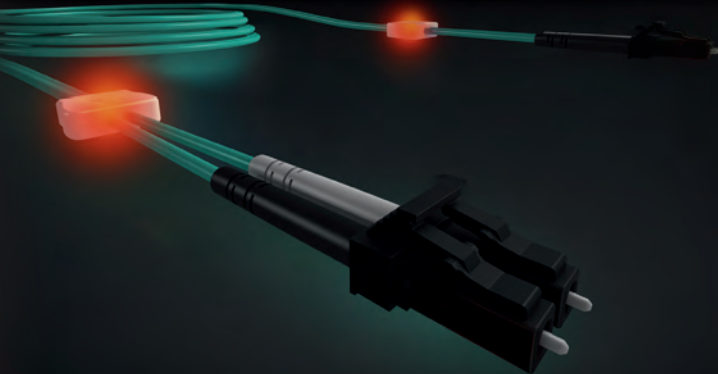
- Ethernet 1000Base-LX
- 10GBase-LX4
- 10GBase-LR/LW
- 10GBase-ER/EW
- Fibre Channel

Detector

1. Insert the detector into the RJ45-style adapter
2. Press the button
3. The far end of the patch cable emits a light signal to confirm continuity

Custom Marking

We deliver each LED patch cable with personalized printing to your exact requirements and specifications.



dtm Group: Range of Services – Consulting, Planning & Execution

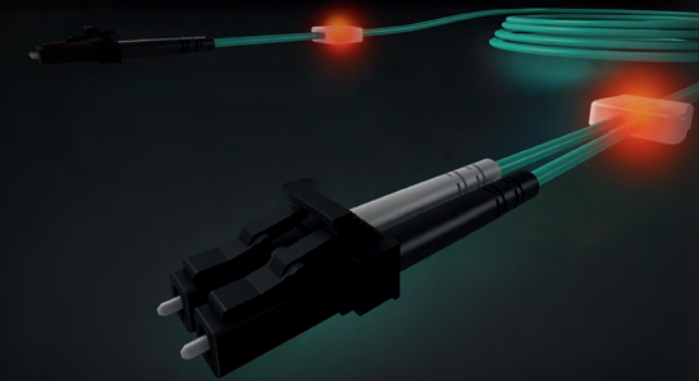
- Custom 3D data-center visualization
- Preparation of technical specifications
- LAN/WAN network installation for office and industrial environments
- WLAN (Wi-Fi) signal planning and site surveys
- Hardware procurement (HP, Dell, Cisco partner)
- IP telephony solutions
- Video surveillance systems
- Relocation management for technical equipment
- DGUV V3 (electrical safety) testing
- Structural and technical site surveys
- Cabling for media technology & conference-room equipment (HDBaseT, HDMI, DVI)
- Technical building documentation in AutoCAD & FNT Command
- Fire-department, escape-route and rescue-route planning
- Data-center audits and health checks
- DCM software “Vaiking”
- Design and development of 19” distribution units, racks, and panels
- Sales of bespoke 19” solutions
- Network analysis and troubleshooting
- Professional training courses
- 24/7 service and support



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dtm. group
IT MANUFAKTUR

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So simple ...

Just switch on the detector, insert it into the contact pair, press the button ...



... and so helpful

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

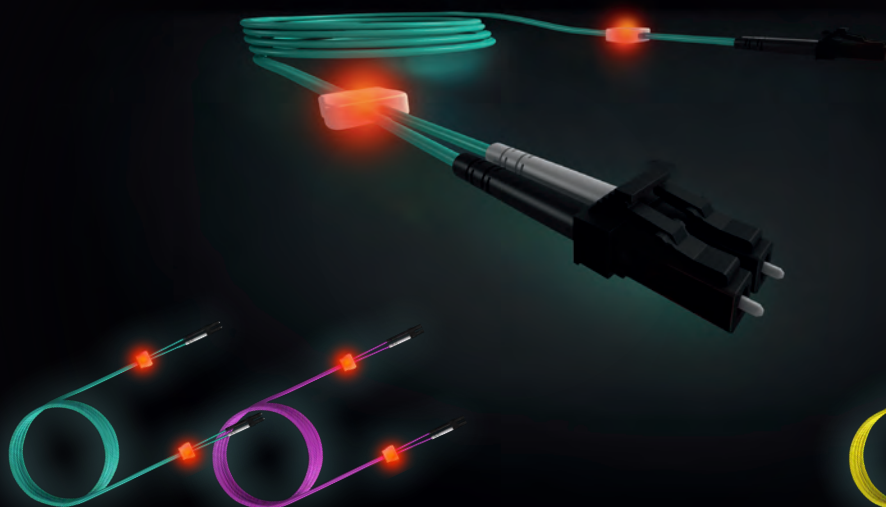


The detector

To activate the light in the patch cable, insert the detector into the designated contact pair and press the button. This switches on the light identification feature.

You can choose from three signal modes—steady light, slow flashing, or fast flashing—to match the current ambient conditions. The far end of the patch cable then emits the same light pattern, allowing you to identify it instantly and virtually eliminating the risk of unplugging the wrong cable.

To recharge the detector's battery, simply connect it to any USB port using the supplied USB-Micro cable.



Specifications Multimode

Jacket	FRNC, ICE 60332-1, IEC 60754-2, IEC 61034
Connectors	Fiber-optic connectors LC-D, SC-D, in all combinations
Connector Insertion Loss	Typical : 0,25 dB
Fiber Type	Multimode 50/125µm OM3/ OM4
Bandwidth	@850/1300nm >1500/500 MHz/km
Attenuation	@1300nm: 0,8 dB/km
Performance	@850nm 1/10Gb/s max. 1000/300m
Cable Construction	I-V (ZN)HH-1,8

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In addition to its unique light-identification feature, our LED fiber-optic patch cables deliver everything you expect from premium cables: halogen-free construction, precision termination, and top-tier transmission performance in fiber categories OM3, OM4, and OS2.

The robust cable design, high-quality fiber-optic connectors, and our in-house termination process ensure consistently excellent optical performance and the highest level of data integrity.

LC-Duplex connector

ST-Duplex connector

SC-Duplex connector