



Patch Cord Solutions

HIGHLIGHTS

All BlueOptics® Fiber Patch Cords...

- meet Telcordia requirements (GR)
- use fiber from Corning®, Fujikura® or YoFC®
- have a highly reliable zirconia ceramic ferrule
- are available with LC, SC, ST, E2000®, MPO and MTP® connector
- are available with PC, UPC or APC polish
- are available with OM3, OM4 or single mode G.652.D fiber
- have a low input loss
- have high return loss
- have a LSZH sheathing

All BlueLAN® RJ45 Patch Cords...

- feature full copper wires
- have a 50µ-inch thick gold layer on the contacts
- are available with SF/UTP, S/FTP and S/STP shielding
- are available in Category 5e, 6 and 6a
- are available in different colors

Interconnection Solutions for Fiber and Copper Networks

With over one billion installed copper ports and hundreds of millions of optical fiber ports each year, patch cords represent one of the main components in a network.

As of the large number of suppliers and manufacturers, it is difficult to make the right choice, because the quality of a cable cannot be judged from the first visual impression or the price.

The used conductor of RJ45 Patch Cords is crucial for the transmission quality. Some manufacturers rely on copper-clad aluminum instead of copper to reduce their costs. Equally crucial is the right coverage of the braided shield. Cost savings also often occur here, what is not externally visible.

The most important part of a Fiber Optic Patch Cord is the fiber core. Many manufacturers rely on fiberglass coming from unknown manufacturers which cannot provide the same quality as brand manufacturers.

Many brand cables are three to five times more expensive than cheap offers on the market. However, it is important to pay attention to the quality of the cable and not only to the price. Because a decreasing price in general also decreases the quality of the cable. Problems are often becoming visible at first hand during the installation process or while operating in the network.

This provides administrators with the problem: Finding a patch cord of good quality with an affordable price.

THE SOLUTION

Choose to buy Copper and Fiber Optic Patch Cords out of the BlueLAN® and BlueOptics® product line.

BlueLAN® RJ45 Twisted Pair Patch Cords feature full copper wires, sprayed plugs, cable boots and 50µ-inch thick gold layers on the contacts to ensure the longevity of the cable.

BlueLAN® RJ45 Twisted Pair Patch Cords come with SF/UTP, S/FTP and S/STP shielding, available in the Categories 5e, 6 and 6a. For the sheathing PVC or LSZH are available. For a better distinction in your installation this product can be supplied in many different colors.

BlueOptics® Patch Cords feature glass from Corning, Fujikura or YoFC and are standardly equipped with a zirconia ceramic ferrule to ensure the best possible transmission.

BlueOptics® Fiber Optic Patch Cords are available with different connectors such as LC, SC, ST, E2000®, MPO or MTP® with PC, UPC or APC polish. Bare fibers are available in the Categories OM3, OM4 or single mode G.652.D. All BlueOptics® Patch Cords have a LSZH (Low Smoke Zero Halogen) sheathing.

BlueOptics



BlueLAN



Fiber Patch Cords



- Connector: LC, ST, SC, E2000
MPO, MTP
- OM3, OM4, G.652.D
- PC, UPC or APC polish
- Zirconia ceramic ferrule

Couplers



- As LC, SC, ST or FC
- Multi mode or Single mode
- Ceramic shell with PC polish
- Return loss = 50dB
- Incl. Measurement Protocol

Attenuators



- As LC, SC, ST or FC
- Simplex Typ
- Single mode OS 9/125µm
- 1, 3, 5, 7, 10, 15, 20, 25dB
- Incl. Measurement Protocol

RJ45 Twisted Pair Patch Cords



- SF/UTP, S/FTP and S/STP
- Category 5e, 6 and 6a
- Full copper wires
- Twisted Pair
- PVC or LSZH

Keystone Jacks



- Category 5e, 6 and 6a
- 90° or 180° Variant
- Toolless installation
- With or without Snap-In
- TIA/EIA 568B coded

19 inch Keystone Patch Panel



- for Keystonejacks
- High-density Solution
- Up to 48 Ports
- Up to 2U
- 8 Interfaces per unit

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