

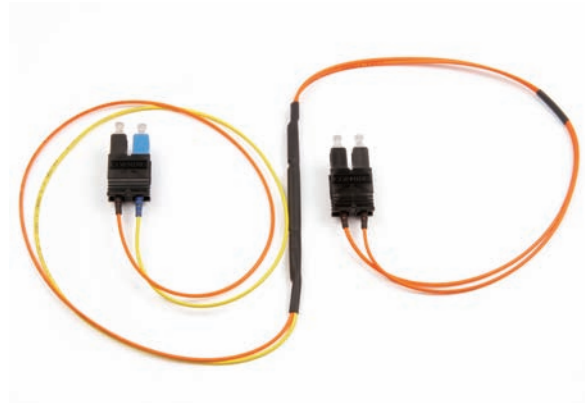
Mode Conditioning Patch Cord

A LANscape® Solutions Product

Description

The Corning Cable Systems Mode Conditioning Patch Cord is designed for long wave (-LX) multimode applications of Gigabit Ethernet. It is compliant with the IEEE 802.3z application standard. This duplex patch cord consists of connectors on each end with a single-mode fiber offset to a multimode fiber connection in one of the two legs.

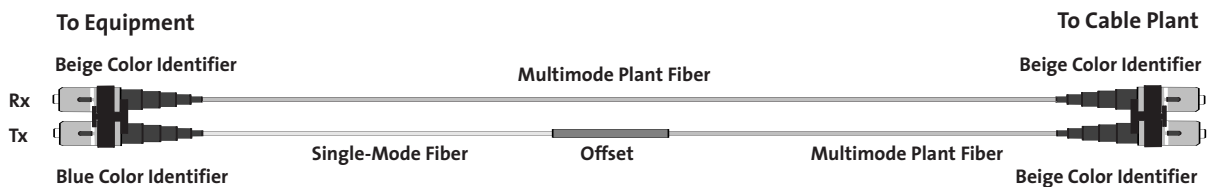
This patch cord is necessary to allow -LX 1300 nm transceiver modules to be used for Gigabit Ethernet. The mode conditioning patch cord offsets the single-mode launch. This offset point creates a launch that is similar to typical multimode LED launches.



Mode Conditioning Patch Cord | Photo LAN822

Features / Benefits

- IEEE-802.3z (Gigabit Ethernet) compliant
- Avoids differential mode delay (DMD) signal degradation
- Use in place of standard equipment-to-cable plant patch cord
- Correct offset always maintained
- Fits existing cabling scheme
- Aesthetically pleasing



Drawing
ZA-1704

1000Base -LX Offset Mode Conditioning Patch Cord Assembly



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Specifications

Attenuation < 0.5 dB at 1310 nm

Reflectance < 26 dB at 1310 nm

Ordering Information

Example: For a 3 meter, SC/SC, riser, 62.5 µm patch cord, the part number is 5757722K1MC003M.

2 MC
1 **2** **3** **4** **5** **6**

1 Select end “A” connector(s), cable plant side.

05 = LC
17 = FC
50 = ST® Compatible
57 = SC
97 = MT-RJ

2 Select end “B” connector(s), equipment side.

0504 = LC MM/LC SM
5772 = SC MM/SC SM
9798 = MT-RJ MM/MT-RJ SM

3 Select fiber type.

C = 50 µm
K = 62.5 µm

4 Select cable flame rating.

1 = OFNR Riser
8 = OFNP Plenum

5 Select length

Use 3 digits, i.e., 10 meters = 010.

6 Select length units.

M = Meters
F = Feet