Mode Conditioning Patch Cables

MADE IN USA 

Infinity Fiber's Mode Conditioning Cables are used in Gigabit Ethernet 1000Base-LX/LH transceivers transmitting in the 1300-nm wavelength and in applications over MMF to prevent DMD (Differential Mode Delay). They consist of three multi-mode fibers and one single-mode fiber with offset cores. We offer custom designs in all lengths and fiber types such as 62.5/125µm OM1, 50/125µm OM2, OM3 & OM4 multimode cables. These fiber optic patch cables are compliant with IEEE 802.3 standards and support applications in Telecommunication Systems, Metropolitan Area Networks and Local Area Networks. Mode conditioning fiber patch cables eliminate the effects of Differential Mode Delay (DMM) by offsetting the entry point of the singlemode laser as it enters the multimode medium.

All cable assemblies are built with Corning Fiber components and made in the USA.

Applications:

Long Haul to Short Haul LX Gigabit Systems

Recommended for Multimode cable runs greater than 50 feet

Gigabit Ethernet 1000Base-LX (1300nm wavelength)

Features:

Eliminates issues related to Differential

Mode Delay (DMD)

Compliant with IEEE 802.3z

Rugged Offset Closure with Consistent Offset

Low Insertion Loss (<0.4dB)

Infinity Fiber Inc
17605 Fabrica Way Suite G
Cerritos, CA 90703
sales@infinityfiber.com / Phone: 714.521.4815