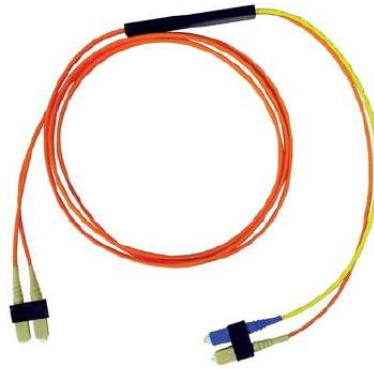


Mode Conditioning Patch Cords



Description:

When a transmitter injects light from a single mode laser into the center of a multimode optical fiber, it may generate multiple signals due to a phenomenon called Differential Mode Delay (DMD). The solution is to use a fiber optic Mode Conditioning Patch Cord. A Mode Conditioning Patch Cord is a duplex multimode fiber optic cable that has a small length of single mode optical fiber at the beginning of the transmission leg.

This type of fiber optic patch cord launches the laser light into a short segment single mode fiber that is aligned with a precise offset from the center of the core in the "mode conditioning" area of the optical fiber. As a result, the launch condition more closely resembles a standard LED launch, yet retains the speed advantages of using a laser.

Features:

- > Custom cable length.
- > Multiple Connectors available.
- > TIA 568 C.3 compliant.
- > Cables are fire retardant according to IEC Standard 60332-1.
- > RoHS Compliant.
- > Precise Zirconia ferrules.
- > Low Insertion Loss.
- > Low Back Reflection.
- > Fibers comply with the following ITU-T Standards:
 - ITU-T G.651
 - ITU-T G.652D
 - ITU-T G.657A2
- > Produced and tested according to GR-326-CORE & TIA-568-C.3 Standards.
- > Connectors Materials Flammability Rating: UL94-V0.
- > Connectors comply with IEC 60874-1, JIC-type and EIA/TIA 604 standards.
- > Cable Diameter: 3mm.

Ordering Information:

FMC- _ _ _ _ _

Fiber Type	
5	50/125
6	62.5/125

Connector Type- Side 1	
S	SC
SA	SC/APC
L	LC
LA	LC/APC
T	ST
F	FC
FA	FC/APC

Connector Type- Side 2	
S	SC
SA	SC/APC
L	LC
LA	LC/APC
T	ST
F	FC
FA	FC/APC

Cable Length	
XX	XX m

Example:
01 - 1m
20 - 20m

Connectivity	
C	Cross
D	Direct
N	None (for simplex or pigtail)