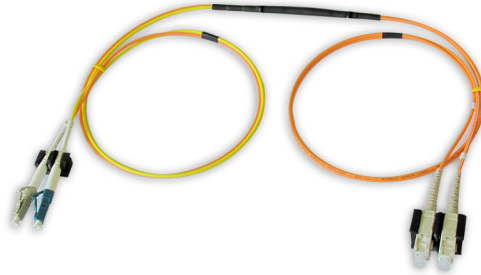


Mode Conditioning Patchcords



Mode conditioning patchcords are designed for longwave Gigabit Ethernet (1310nm/1000 base-LX) network applications, where both singlemode and multimode interconnects are required. The connection between the singlemode and multimode fibre is slightly offset, resulting in the mode conditioning patchcord removing transmission-distance limiting Differential Mode Delay (DMD), which is present in multimode fibre.

FEATURES

- Connector options: E2000, FC, LC, MTRJ, SC and ST
- Stable and permanent core offset
- Low-loss connections
- Solution to DMD effects
- Installed in the same method as a traditional patchcord



SPECIFICATION

Fibre type	SM 9/125	MM 50/125	MM 62.5/125
Fibre Wavelength	1310/1550nm	850/1310nm	850/1310nm
Insertion Loss (typical)	0.3dB	0.2dB	0.2dB
Insertion Loss (max)	0.8dB	0.7dB	0.7dB
Temperature Range	-40 - +85°C	-40 - +85°C	-40 - +85°C
Mating Durability (500 cycles)	<0.2dB	<0.2dB	<0.2dB
Attenuation Max.	3.3 dB/km	1 dB/km	0.5 dB/km
Numerical Aperture (NA)	0.13	0.2	0.275