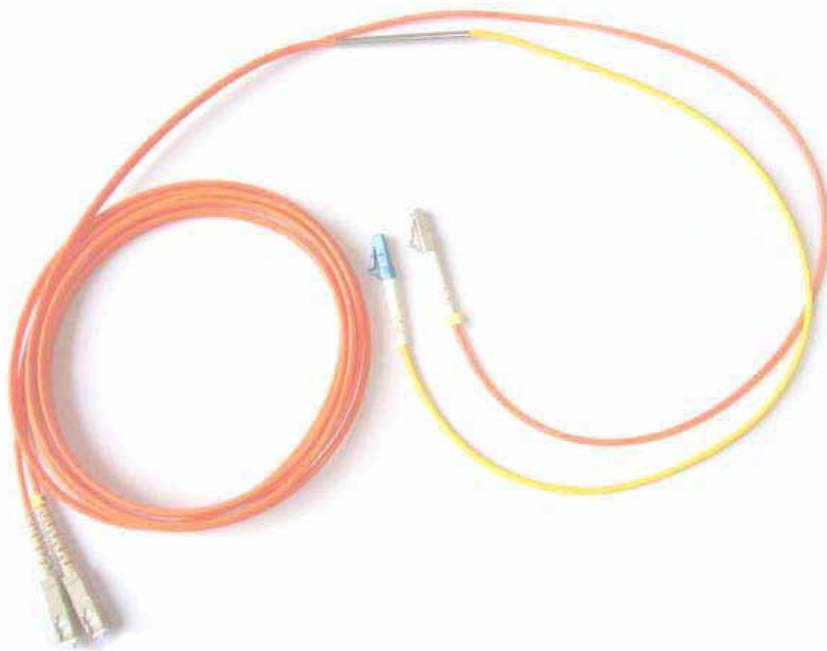


Mode Conditioning Cable

Mode conditioning fiber optic patch cord are used typically when you want to run Gigabit Ethernet (LX) over some multi mode fiber optic plant. Brotechs mode conditioning fiber optic cable are compliant with IEEE 802.3Z standard.



Features

Mode Conditioning Cables are designed to be used with Gigabit Ethernet and other applications where both single mode and multimode interconnects must be maintained. Brotechs manufactures Mode Conditioning Cables using premium quality fiber and connectors. These cable assemblies are primarily used in Gigabit Ethernet (1000Base-LX) applications to prevent DMD (Differential Mode Delay).

Specifications for Mode Conditioning patch cords	
Connector types available	FC,SC,ST,LC,MU
Transmit insertion loss(dB)	Typical 0.35dB
Receive insertion loss(dB)	Typical 0.15dB
Return loss	≥ 55 dB
Temperature range	-40°C to +85°C



Specifications

* Specification

Mechanical

Length: 1.5m ± 10mm

Other lengths available to order

Product Packaging

Each pigtail is packaged individually and individually identified for traceability, test certification is supplied for each assembly.

* Connector Specification

Operating Temperature: -40°C to +85°C

Intermateability: Optically and mechanically compatible with all equivalent connectors.

Compliant with IEC 874-14.

Ordering Information

SM Connector Type	MM Connector Type	Type	Count	Cable OD	Cable Material	Color	Length
0 : None		S : SM	D : Duplex	18 : 1.8mm	P : PVC	S : SM/Yellow	001 : 1M
1 : LC/PC	1 : LC/PC	6 : 62.5/125		24 : 2.4mm	L : LSZH	MM/Orange	002 : 2M
2 : SC/PC	2 : SC/PC	5 : 50/125		30 : 3.0mm		X : Customer	002A : 2.5M
3 : ST/PC	3 : ST/PC	B : OM3					...
4 : E2000 /PC	4 : E2000 /PC						
5 : DIN/PC	5 : DIN/PC						
6 : MPO	6 : MPO						
7 : FC/PC	7 : FC/PC						
8 : MTRJ	8 : MTRJ						
9 : MU	9 : MU						
A : LC/APC	A : LC/APC						
B : SC/APC	B : SC/APC						
C : E2000/APC	C : E2000/APC						
D : FC/APC	D : FC/APC						
L : LX.5/PC	L : LX.5/PC						

