MODE CONDITIONING PATCHCORDS

DESCRIPTION

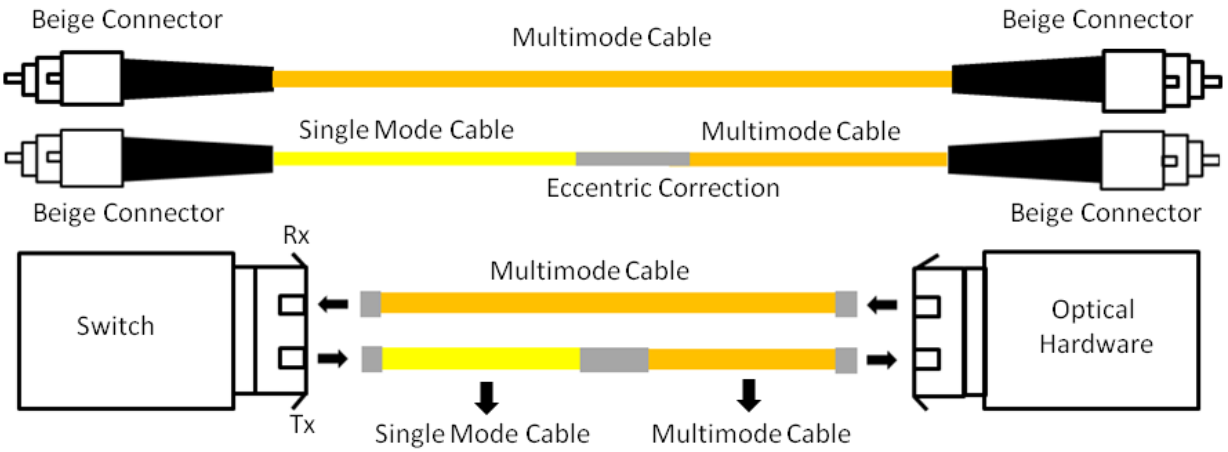
Mode Conditioning Patchcords (MCPs) are designed to be used in Gigabit Ethernet (GbE) and other applications where both SM and MM interconnects must be maintained. MCPs are required where routers and switches are installed into existing multimode cable of plants. These type of specialized cords help avoid Differential Mode Delay (DMD) effects that can occur when long reach transceiver modules operate at both SM and MM wavelengths. The MCPs causes the SM transceiver to create a launch similar to a typical MM launch. Our MCPs are custom made with any combination of FC, SC, ST, LC and MU connectors at each end.

FEATURES

- Compliant with IEEE802.3z application standard
- Reduce Differential Mode Delay (DMD) effects
- Low insertion loss (IL)
- Easy connection with various connectors

APPLICATIONS

- Equipment interconnection
- High speed data transfer
- Telecom network
- Gigabit Ethernet

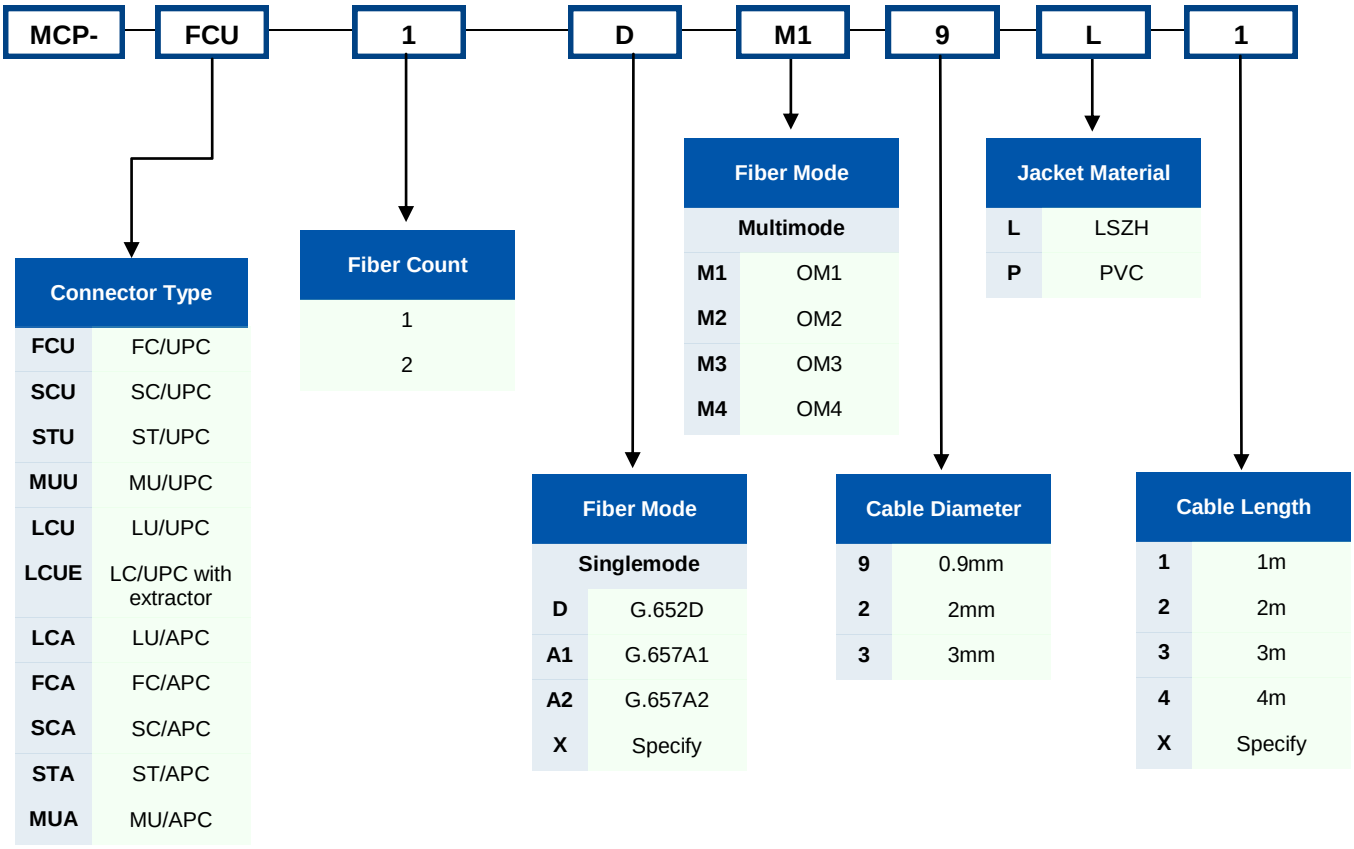


SPECIFICATIONS

Operating Wavelength (nm)	850 and 1310	
Connector Type	FC , SC , ST , LC , MU	
	UPC or APC Polishing	
Fiber Mode	50 / 125	62.5 / 125
Coupled Power Ratio (dB)	12 ≤ CPR ≤ 20	28 ≤ CPR ≤ 40
Insertion Loss (dB)	< 0.5	
Environmental Temperature (°)	-40 ~ 75	
Storage Temperature (°)	-45 ~ 85	

ORDERING INFORMATION

EXAMPLE : MCP-FCU-1A1DM19L1



Connector Type	
FCU	FC/UPC
SCU	SC/UPC
STU	ST/UPC
MUU	MU/UPC
LCU	LU/UPC
LCUE	LC/UPC with extractor
LCA	LU/APC
FCA	FC/APC
SCA	SC/APC
STA	ST/APC
MUA	MU/APC

Fiber Count
1
2

Fiber Mode	
Singlemode	
D	G.652D
A1	G.657A1
A2	G.657A2
X	Specify

Fiber Mode	
Multimode	
M1	OM1
M2	OM2
M3	OM3
M4	OM4

Cable Diameter	
9	0.9mm
2	2mm
3	3mm

Jacket Material	
L	LSZH
P	PVC

Cable Length	
1	1m
2	2m
3	3m
4	4m
X	Specify

Note : Specifications are subject to change without prior notice