

# 1M ST/ST Mode Conditioning Fiber Patchcord



Part No. FB-MCF-TT

Rating: Not Rated Yet  
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Manufacturer [Cables and Chips Inc](#)

Description DESCRIPTION	62.5?M MMF	50?M MMF
Operating wavelength	1310nm	
Maximum insertion loss	0.5dB	
Coupled power ratio (CPR)	28 to 40dB	12 to 20dB
Back reflection S/M channel	30dB	
Back reflection M/M channel	20dB	
Connector finish	PC or APC	
Ferrule radius of curvature	10 to 25mm	
Fibre height	-50 to 50nm	
Maximum angular offset	1°	
Sheath colour	Orange (yellow for SM leg)	Orange (yellow for SM leg)
DESCRIPTION		
Temperature Cycling	(IEC 61300-2-22) -40 to +75°C, 40 cycles =0.2dB Change	
Damp Heat	(IEC 61300-2-19) 60°C at 95% RH, 96 hours =0.2dB Change	
Vibration (Mated Pair)	(IEC 61300-2-1) 10-55 Hz, 1.5mm P to P =0.3dB Change	
Mating Durability	(IEC 61300-2-2) 1000 mating cycles Clean every 25 < 0.2 dB Change	
Operating Temperature	(IEC 61300-2-22) -20°C to +60°C	

## Patch cord Specification

SPECIFICATION	
Connectors available	Types: FC, ST, SC, LC
Product Packaging	Each patchcord is packaged individually and individually identified for traceability, test certification is supplied for each assembly.
Length	2000mm ± 10mm Other lengths available to order