

**Fiber Optic Patchcord and Pigtail Multi mode 50/125 μm, 62.5/125 μm**

**MM Patchcord and Pigtail Information**

Connectorized cable assemblies are Patchcords terminated with connectors at both end. The type of cable, fiber and connector and the length of the patch cord can be freely specified by the customer as shown below. Pigtails are used for terminating fiber optic cables by splicing them the fibers of the cable and connecting the other end, supplied with a connector, to a patch panel or directly to equipment.

- 50/125 and 62.5/125 are also available
- Compatible with all standard type connector, zirconia ceramic ferrule, PC polishing
- The Simplex, Duplex Patchcords and pigtails are jacketed with Kevlar Sheath Member, Aramid Yarns and Flame Retardant PVC material.
- Good exchangeability and repeatability.
- Every cable assembly is 100% tested and guaranteed to meet all specification.
- Identification label provides complete of Insertion Loss.
- Customer Lengths and connectors are available upon request.
- For Data communication networks, Local Area Networks, Subscriber transmission systems application
- Refer to the Multi Mode Patch Cable datasheet for the specifications.



**Specifications :**

Model Type	Multi mode
Polish Type	PC
Applicable connector with Zirconia Ceramic Ferrule	FC, SC, ST, D4, LC, MTRJ, FDDI
Insertion loss (dB)	<0.3
Return loss (dB)	NA
Repeatability (dB)	≤0.2
Exchangeability (dB)	≤0.2
Operating temp.	-40°C to +80°C
Storage temp.	-50°C to +85°C

**Applicable fiber cable specification & Fiber transmission performance :**

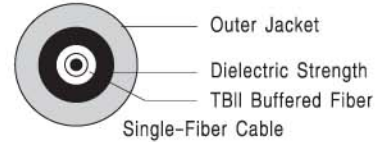
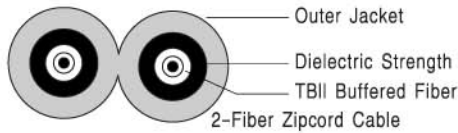
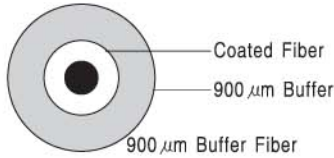
	Multi mode (850/1300nm)	
Optical Fiber type	G.651	
Mode field diameter (μm)	50 / 125	62.5 / 125
Maximum attenuation (dB / km)	2.34 / 1.5	2.74 / 1.5
Typical attenuation @23°C (dB/km)	0.55 / 1.0	0.6 / 1.0
Minimum Bandwidth (MHz.km)	400 / 800	200 / 600

**Mechanical Specification :**

Cable size	Single Fiber (Simplex)			Zipcord (Duplex)
	0.9 mm	1.8/2.0/2.4 mm	2.9/3.0 mm.	2.9 x 5.8 mm
<b>Max tensile load</b>				
Short term, (N)	6.0	500	500	1000
Long term, (N)	3.0	240	240	480
<b>Min Bend Radius</b>				
Loaded (cm)	5.0	5.0	5.0	5.0
Installed (cm)	3.0	3.0	3.0	3.0
<b>Cable color</b>				
Multi mode	White	Orange	Orange	Orange

**Fiber Optic Patchcord and Pigtail**

**Connectors Type for Patchcord Assemblies**



**Order Information**

Fiber Optic Type	Cable Type	Connector Type		Polishing Type		Diameter Cable	Length (Metre)
		A Side	B Side	A Side	B Side		
1) SM 9/125 2) MM 62.5/125 3) MM 50/125 4) MCP 62.5/125 5) MCP 50/125	1) Simplex 2) Duplex	1) FC 2) SC 3) ST 4) D4 5) MTRJ(F) 6) MU 7) LC 8) E2000 9) DIN 0) SMA	1) FC 2) SC 3) ST 4) D4 5) MTRJ(F) 6) MU 7) LC 8) E2000 9) DIN 0) SMA	P= PC S=SPC U=UPC A=APC	P= PC S=SPC U=UPC A=APC	1) 0.9 mm 2) 1.8 mm 3) 2.0 mm 4) 2.4 mm 5) 3.0 mm	N/A N/A N/A N/A N/A N/A N/A N/A N/A N/A

Ex. FC/UPC-FC/UPC SM Simplex 3 m. Patchcord  
P/N : 42Q011111UU5-03 (15 digits)

