



FCM01-*-62.5

Multi Mode Indoor Optical Cable

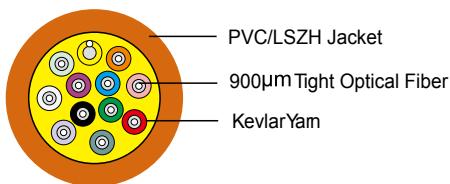
DESCRIPTION

PE insulated, aluminum mylar tape shield, PVC sheathed, indoor digital cable, used to transmit digital (2B+D) and analog signal between telecommunication socket of building.

APPLICATION

- High strength aramid yarn strength member ensures unyielding to tension and long term stability in transmission
- Small outer diameter, light weight, flame-retardant, easy to strip, low attenuation and highly soft
- Direct interconnect tight buffered cables and need no tie-in box or pigtail
- Suitable for construction operation and convenient for maintenance
- Building to building interconnection, indoor distribution
- As pigtail of the instrument-type communication equipment
- As the moveable connect line for patch cords and connectors

PRODUCT FIGURE



ORDER INFORMATION

Part number	Description	Standard Color
FCM01-*-62.5	Multi Mode Indoor Optical Cable	Orange

FIBER OPTICAL CABLE, Indoor,multi mode, orange color.

fiber item	2cores	4cores	6cores	8cores	10cores	12cores
fiber diameter (mm±0.25)	3.2	4.8	5.1	5.6	5.8	6.2
fiber character (kg/km)	11	18.4	22	24	27	31
fiber character						
attenuation (+20°C)	50µm	≤3.5dB/km @850nm		≤1.5dB/km @1300nm		
	62.5µm	≤3.5kB/km @850nm		≤1.5kB/km @1300nm		
	G.652	≤0.45dB/km @1310nm		≤0.40dB/km @1550nm		
	G.655	≤0.50dB/km @1310nm		≤0.50dB/km @1550nm		
bandwidth	50µm	≥200MHz·km@850nm		≥400MHz·km@1300nm		
	62.5µm	≥160MHz·km@850nm		≥200MHz·km@1300nm		
	NA	50µm		0.20±0.015		
end wave lengthλ _{cc}	G.652			0.275±0.015		
	G.655			≤1260nm		
specs character						
tight optical fiber				900±50µm		
fiber outer diameter				125±1.0µm		
length				≤2200m		
environment character						
transport temperature				-20°C~+70°C		
storage temperature				-40°C~+70°C		
installation temperature				-5°C~+50°C		
operation temperature				-20°C~+70°C		
the extra temperature attenuation A _α (-20°C~+70°C)	50µm			≤0.50dB/km @1300nm		
	62.5µm			≤0.50kB/km @1300nm		
	G.652			≤0.20dB/km @1550nm		
	G.655			≤0.20dB/km @1550nm		
allowable tension	long time			200N		
	short time			660N		
allowable press force	long time			300N/100mm		
	short time			1000N/100m		
short term bend radius				20×D(Fiber optical short axis)		
long term bend radius				10×D(Fiber optical short axis)		