

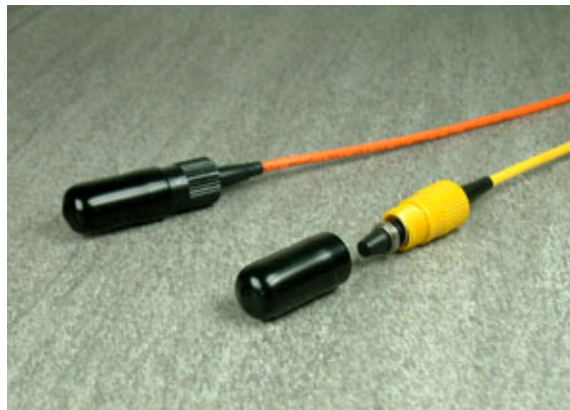


BICONIC FIBER OPTIC PATCH CORDS

Description

The BICONIC connectors used on our patch cords consist of cone-shaped polymer ferrules that help to align the fibers in connection interfaces. The ferrules incorporate the latest in precision molding technique to yield fractional dB loss. Their rugged design allows the BICONIC connectors to be used in military applications.

Flame retardant grade cable sheathing options are offered. Riser rated cables will be provided as standard. LSZH and Plenum can be provided upon request.



Features

- Dual conical surfaces
- High quality Polymer ferrules
- Precision molding
- Riser, Plenum, and LSZH cables available

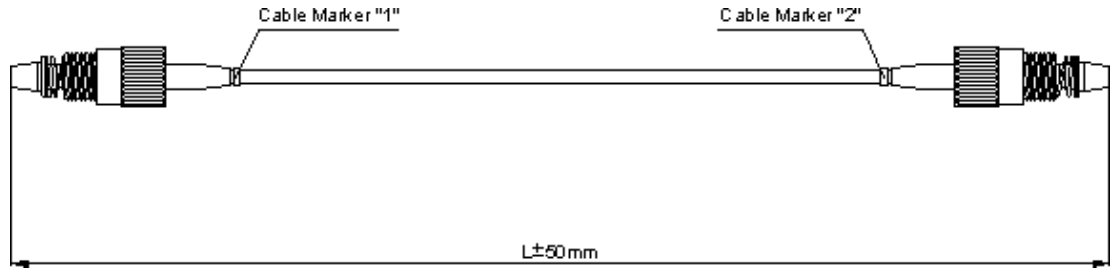
Applications

- LANs
- Data processing systems
- Medical instrument
- Remote sensing

Specifications

Characteristics	Unit	Value / Performance		
		SM	MM 50um	MM 62.5um
Basic				
Insertion Loss (IL)	dB	≤1		
Return Loss (RL)	dB	≥35	≥20	
Endurance (500 remates)	dB	ΔIL≤0.5		
Operating Temperature	°C	-10 ~ +60		
Storage Temperature	°C	-40 ~ +70		
Axial Pull for jacketed cable	N	100		
Transmission				
Max. Attenuation	dB/km (nm)	0.4/0.3 (1310/1550)	2.8 (850)	3.0 (850)
Min. Bandwidth	MHz•km (nm)	-	500/500 (850/1300)	200/200 (850/1300)
Dispersion Coefficient	ps/ nm ² •km	≤3.0 (1310nm)	-	-

Dimensional Drawing



Ordering Information

Part Number: **PC-BC P BC P S K R 3.0- 6**

1 2 3 4 5 6 7 8 9

1 Connector #1	BC=BICONIC, S=SC, F=FC, T=ST, L=LC, E2=E2000, DN=DIN, M=MU, MR=MTRJ, etc.
2 Finish 1	S=SPC, U=UPC, A=APC, P=PC
3 Connector #2	P=Pigtail (no connector at this end), BC=BICONIC, S=SC, F=FC, T=ST, etc.
4 Finish 2	S=SPC, U=UPC, A=APC, P=PC, T=Pigtail
5 Cable Type	S=Simplex, D=Duplex Straight, X=Duplex Reverse
6 Fiber	R=SM(G652), K=62.5um, C=50um, B=OM2, A=OM3, W=SM(G655)
7 Cable Jacket	R=Riser, P=Plenum, L=LSZH
8 Cable Diameter	3.0=Ø3.0mm, 2.0=Ø2.0mm, 0.9=Ø0.9mm, etc.
9 Cable Length	Length in meter, i.e. 6=6m

Products manufactured in ISO 9001 certified facilities



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