

Fiber Optic Patch Cords

Description:

- > Simplex or duplex patch cords.
- > Variety of connector options.
- > Variety of fibers options.
- > LC Uniboot patch cords reduce cable volume by half for the same capacity, comparing to standard LC duplex.

Features:

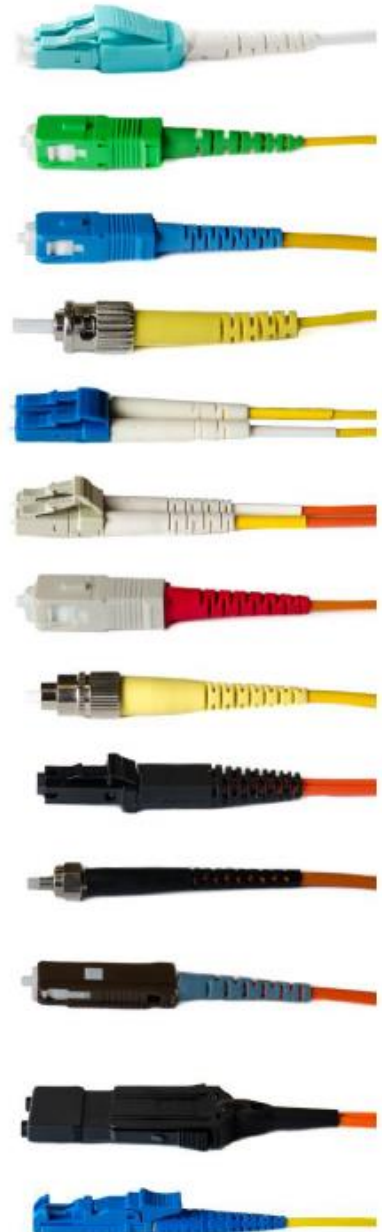
- > Bend-Insensitive fibers MM OM3 as per IEC 60793-2-10 type A1a.2, MM OM4 as per IEC 60793-2-10 type A1a.3 and SM as per ITU-T G.651, ITU-T G.652D, ITU-T G.657.A2.
- > Complies with the following standards: JIC-type and EIA/TIA 604, IEC 61754-20, GR-326-CORE, TIA-568-C.3, IEC 60793-1, IEC 61755-3, IEC 11801 (OS2, OM3 and OM4), TIA-492.AAAC-A, TIA-492.AAAD, TIA-942-A, IEC 60794-1, IEC 60794-2, IEC 60874 and IEEE 802.3ae.
- > Environmentally safe – complies with UL94-V-0, IEC 60332-3C, IEC 60754-2, IEC 61034 and RoHS.
- > Precise Zirconia ferrules.
- > Low insertion loss.
- > Low back reflection.

Benefits:

- > Snap-in connector design, Precision mechanical dimensions.
- > Reduces maintenance and creates consistent optical performance.

Applications:

- > Telecommunications.
- > Data Transmission.
- > Multi-channel.
- > CATV.
- > FTTB/FTTH/FTTD.
- > LAN/WAN.

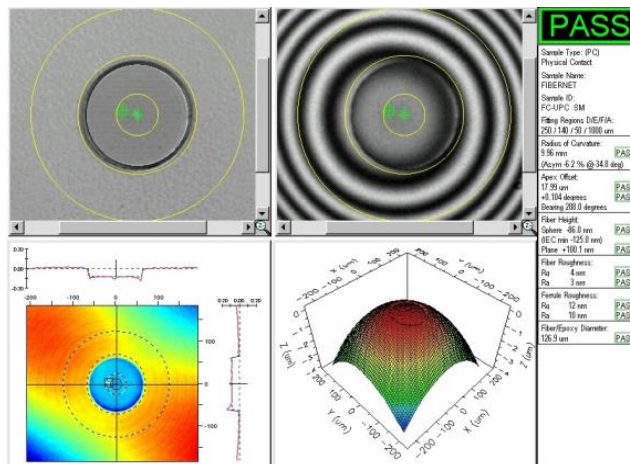


Specifications and Dimensions:

Parameter \ Item	Multi-mode Zirconia Ferrule	Single-mode Zirconia Ferrule
Insertion Loss	Typical < 0.1 dB Max. < 0.3 dB Standard Max. < 0.15 dB Low-Loss	Typical < 0.1 dB Max. < 0.3 dB Standard Max. < 0.15 dB Low-Loss
Return Loss	>-20 dB Minimum (UPC)	>-35 dB Min. (PC) >-55 dB Min. (UPC) >-65 dB Min. (APC)
Connector Repeatability (Loss Increase)	< 0.1 dB	< 0.1 dB
Temperature Cycling (Loss Variation)	Insertion Loss < 0.1 dB Return Loss < 5 dB	Insertion Loss < 0.1 dB Return Loss < 5 dB
Vibration (Loss Variation)	Insertion Loss < 0.1 dB Return Loss < 5 dB	Insertion Loss < 0.1 dB Return Loss < 5 dB
Cable Retention	< 60 N (13 lb) * Depends on cable type	< 60 N (13 lb) * Depends on cable type
Cable Retention (Loss Variation)	Insertion Loss < 0.1 dB Return Loss < 5 dB	Insertion Loss < 0.1 dB Return Loss < 5 dB
Operating Temperature	- 20°C to 70°C	- 20°C to 70°C
Storage Temperatures	- 40°C to 85°C	- 40°C to 85°C

Verification Tests

- > Insertion Loss.
- > Return Loss.
- > Apex Offset.
- > Radius Of Curvature.
- > Temperature Range.
- > Vibration.
- > Cable Retention.



Ordering Information:

Cable		Fiber Type		Connector Type Side 1A & 1B		Connector Type Side 2A & 2B	
F	2mm Simplex	5	50/125	0	No Connection	0	No Connection
G	2mm Duplex	6	62.5/125	1	ST	1	ST
K	3mm Simplex	7	G657A2 BI	2	FC	2	FC
Z	3mm Duplex	9	SM	4	SC Duplex	4	SC Duplex
E	0.9mm Pigtail	D	G655 BI	4S	SC Duplex Short Boot	4S	SC Duplex Short Boot
2	250µm Pigtail	O	OM3 BI	4X	SC Separable	4X	SC Separable
T	Tactical Duplex	G	OM4 BI	4Y	SC Separable Short Boot	4Y	SC Separable Short Boot
U	Uniboot LC 2mm			5	SMA	5	SMA
				8	MTRJ	8	MTRJ
				9	LC Duplex	9	LC Duplex
				9S	LC Duplex Short Boot	9S	LC Duplex Short Boot
				9X	LC Separable	9X	LC Separable
				9Y	LC Separable Short Boot	9Y	LC Separable Short Boot
				E	E-2000	E	E-2000
				M	MU	M	MU
				L	LX 0.5	L	LX 0.5

F

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Polish Type Side 1 & 2	
U	UPC
A	APC
N	Normal

Cable Length	
CXXX	XXX cm
XXXX	XXXX m

Polarity	
None	Cross
D	Direct

*BI = Band Insensitive