

Applications

PROSE optical fiber patch cords are used to connect servers, switches and storage devices, etc., to achieve high-speed data transmission and exchange. They have excellent transmission performance, good physical properties, and diverse interface types.

Features/Benefits

- PVC,LSZH and other outer sheath materials can be selected.
- OFNR,OFNP and other flame retardant grades can be selected.
- Low insertion loss, high return loss.
- Two types of end grinding mode: UPC, APC.
- Available with simplex cable, duplex cable, mini-zip cord cable, ribbon cable, other types of cables on request
- Separately packed in plastic bag, including serial number and attenuation data.
- Connector types: LC, SC, FC, ST, E200

Profile/Outline



LC-LC



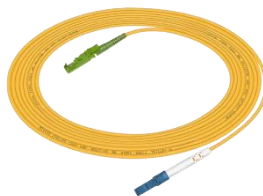
SC-SC



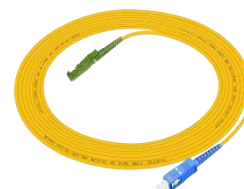
FC-FC



E2000-E2000



E2000-LC



E2000-SC

Characteristic

Fiber types	Single-mode 9/125um (G652D,G657A/B, etc.) Multi-mode 50/125um (OM3/OM4/OM5)
Connector variants	Simplex and duplex
External diameter	0.9mm buffered fiber 2.0mm simplex/duplex cable 3.0mm simplex/duplex cable
Delivery form	Single item in foil bag One product ID label with measurement values per patch cord Serial number label on patch cord
Ferrule Outside Diameter (mm)	1.25mm (LC); 2.50mm (SC)

Standards

LC	Comply with IEC 61754-20
SC	Comply with TIA 568, IEC 874-10
FC	Comply with IEC 60874-7
ST	Comply with TIA 568, IEC 874-14
The insertion loss test	Acc.to IEC 61300-3-4
The return loss test	Acc.to IEC 61300-3-6

Technical Parameters

Type		Insertion loss (dB)	Return Loss (dB)
SM:SC; FC; ST; LC,E2000	Ultra (UPC)	< 0.30 dB	> 50 dB
	Angle(APC)	< 0.30 dB	> 60 dB
MM:SC; FC; ST; LC,E2000	Ultra (UPC)	< 0.30 dB	> 25 dB

Type	Parameters	
Core	1	2
Tensile strength (N)	150	300
Compressive strength (N/cm)	15	30
Minimum Bending Radius for Installation(mm)	20 times O.D	20 times O.D
Minimum Bending Radius for Operation (mm)	10 times O.D	10 times O.D
Installation Temperature(°C)	0-50°C	0-50°C
Operating Temperature(°C)	-20 to +60°C	-20 to +60°C
Transportation and Storage Temperature(°C)	-25 to +70°C	-25 to +70°C

Ordering Information

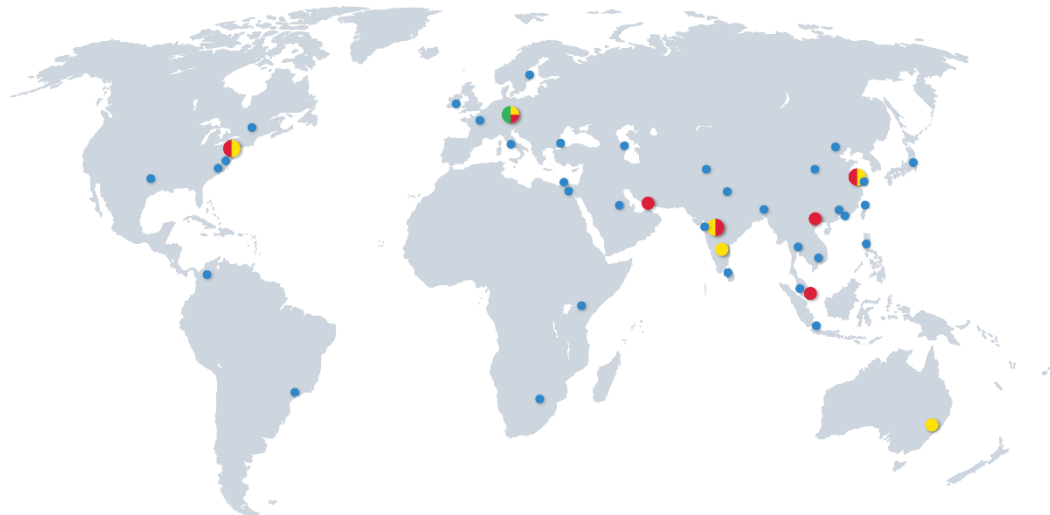
Patch Cord & Pigtail	Fiber Type	-	Fiber Count	Connector L	Connector R	Cable Structure	Outer Sheath	-	Length
FJ:Fiber Patchcord	GD:G652D			LC:LC UPC	00:For Pigtail				0005:0.5m
	A1:G657A1		01:1F	SC:SC UPC	LC:LC UPC				0010:1m
	A2:G657A2		02:2F	FC:FC UPC	SC:SC UPC				0020:2m
	B2:G657B2		04:4F	ST:ST UPC	FC:FC UPC				0030:3m
	B3:G657B3		06:6F	LA:LC/APC	ST:ST UPC				0050:5m
	M2:OM2		08:8F	SA:SC/APC	LA:LC/APC				0100:10m
	M3:OM3		12:12F	FA:FC/APC	SA:SC/APC				0150:15m
	M4:OM4			E2:E2000/APC	FA:FC/APC				0200:20m
						1:0.9mm tight-buffered cable	1:OFN		
						2:2.0mm	2:LSZH		
						3:3.0mm	3:OFNR		
						4:2*2.0mm	4:OFNP		

	M5:OM5				E2:E2000/APC			
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For Example:

Order Number	Description
Singlemode	
FJGD-02LCLC42-0020	Patchcord, Duplex, LC-LC, SM G652D, 2*2.0mm, LSZH, 2m
FJGD-01SCSC22-0020	Patchcord, Simplex, SC-SC, SM G652D, 2.0mm, LSZH, 2m
FJGD-01LCSC22-0020	Patchcord, Simplex, LC-SC, SM G652D, 2.0mm, LSZH, 2m
FJGD-01E2E222-0020	Patchcord, Simplex, E2000-E2000, SM G652D, 2.0mm, LSZH, 2m
FJGD-01LCE222-0020	Patchcord, Simplex, LC-E2000, SM G652D, 2.0mm, LSZH, 2m
FJGD-01SCE222-0020	Patchcord, Simplex, SC-E2000, SM G652D, 2.0mm, LSZH, 2m
Multimode	
FJM3-02LCLC42-0020	Patchcord, Duplex, LC-LC, MM OM3, 2*2.0mm, LSZH, 2m
FJM3-01SCSC22-0020	Patchcord, Simplex, SC-SC, MM OM3, 2.0mm, LSZH, 2m
FJM3-01LCSC22-0020	Patchcord, Simplex, LC-SC, MM OM3, 2.0mm, LSZH, 2m
FJM3-01LCLC22-0020	Patchcord, Simplex, E2000-E2000, MM OM3, 2.0mm, LSZH, 2m
FJM3-01LCE222-0020	Patchcord, Simplex, LC-E2000, MM OM3, 2.0mm, LSZH, 2m
FJM3-01SCE222-0020	Patchcord, Simplex, SC-E2000, MM OM3, 2.0mm, LSZH, 2m

GLOBAL FOOTPRINT



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