

Fiber Optic Bundle Patch Cord

Features



- High-quality ferrules
- 4-144 core available
- 100% Factory tested assemblies
- Low insertion loss, high return loss
- Small volume, high fiber density
- Good exchangeability and durability
- Stable optical properties

Bundle patch cord is multi-core round cable with conventional optical fiber connector at both ends. Black branch or heat protection tube is used as branch node which can save cost and ensure excellent mechanical and optical performance.

Profiber's bundle patch cord provide high reliability and flexibility in different application. All bundle patch cord can be customized in cable length, color and connector types to suit each customer requirement with our advanced technology and production facilities.

Parameter

Mechanical Data	Value
Connector Type	LC/SC/FC/ST
Polarity Type	A to B, A to A
Branch Cable Diameter	0.9mm, 2.0mm, 3.0mm
Cable Jacket Color	Yellow, Orange, Aqua, Violet and OEM colors

Optical Data	Value	
Fiber Mode	OS1/OS2/G657-9/125 bend insensitive(A.1 or A.2) or OM1/2/3/4/5	
Test Wavelength	1310nm/1550nm (Singlemode), 850nm/1500nm (Multimode)	
Insertion Loss	Insertion Loss	Singlemode ≤ 0.10 dB, Multimode ≤ 0.10 dB
	Return Loss	Singlemode ≤ 0.30 dB, Multimode ≤ 0.30 dB
Return Loss	Singlemode UPC ≥ 55 dB APC ≥ 65 dB Multimode UPC ≥ 25 dB	

Environmental Data

Description	Value
Operating Temperature	-20°C to +60°C
Store Temperature	-20°C to +60°C
Fully Compliant	IEC-61754, TIA/EIA-604, GR326, RoHS

Ordering Information

-	X	X	X	X	X	X	X	X	X	XXX
Type	Connector	Polish	Connector	Polish	Fiber Mode	Insertion Loss	Polarity	Cable Diameter	Jacket	Length
FOBPC	1=LC/Simplex	1=UPC	1=LC/Simplex	1=UPC	1=OS1	1=Low loss	1=A - A	1=0.9mm	1=LSZH	001=001m
	2=SC/Simplex	2=APC	2=SC/Simplex	2=APC	2=OS2	2=Standard loss	2=A - B	2=2.0mm	2=PVC	...
	3=FC/Simplex		3=FC/Simplex		3=G657A1			3=3.0mm	3=OFNR	999=999m
	4=ST/Simplex		4=ST/Simplex		4=G657A2				4=OFNP	
	5=LC/Duplex		5=LC/Duplex		5=OM1					
	6=SC/Duplex		6=SC/Duplex		6=OM2					
					7=OM3					
					8=OM4					
					9=OM5					

Note: APC only for single mode. It's recommended to be packaged with reel over 50 meters.

Example:

FOBPC 525212131010 Means : Duplex, LC/APC -LC/APC, OS1, Standard Loss, Polarity AA, OD 3.0mm,LSZH, 010 m