PRODUCT DATASHEET

Fiber Optic Patch Cord

Product Description

Fiber optic patch cord is available in both single mode and multimode versions.

Both single mode and multimode versions fiber optic patch cord come with a Zirconia ceramic ferrule with pre-polished PC,UPC,APC profile and convex spherical end.

These end face types allow for faster polishing, and low back reflection and optical loss, while ensuring maximum repeatability.

Product Features

- Low insertion loss and back reflection loss
- Ferrule end surface pre-domed
- Excellent mechanical endurance
- Good in repeatability
- Good in exchange
- Green Production, CE, RoHS Standard

Fiber Optic Patch Cord

Mode	Single mode		Multimode
Polish	UPC	APC	PC
Insertion Loss	≤0.2dB	≤0.2d B	≤0.2d B
Return Loss	≥50dB	≥60dB	≥35dB
Test Wavelength	1310/1550nm		850/1310nm
Durability(500 Matings)	≤0.2dB		
Operating Temperature	-20 ~ +70		
Storage Temperature	-40 ~ +85		
Fire Resistant	IEC 60794-2-30		
Standards-Compliant	ROHS,IEC and GR-326		

Fiber type	Min.Bandwidth	Distance	Attenuation
62.5/125	850/1300nm	@100Mbps 2km @1Gig 220m	850/1300nm
	200/500 MHz/Km		3.0/1.0dB/km
50/125	850/1300nm	@100Mbps 2km @1Gig 500m	850/1300nm
	500/500 MHz/Km		3.0/1.0dB/km
50/125	850/1300nm	@100Gig Varies by VCSEL typical 300m 28	850/1300nm
10Gig Optimized	2000/500 MHz/Km	50nm	3.0/1.0dB/km
9/125	1310/1550nm	Up to 100km Varies by transceiver	1310/1550nm
	Approx 100 Terahertz		0.4/0.3dB/km

Fiber type	Single mode: (1)9/125-G652D (2)9/125-G655 (3)9/125 G657A,,G657A2
	Multimode: (4)62.5/125 - OM1 (5)50/125　- OM2 (6)50/125　- OM3
Fiber	OFS/CORNING
Connector1	FC LC, SC, ST...and so on
Polishing	UPC APC
Connector2	FC, LC, SC,ST...and so on
Polishing	UPC, APC
Cord type	Simplex, Duplex
Cable diameter	0.9mm ,2.0mm, 3.0mm
Cable jacket	PVC,LSZH
length(M)	0.3m,1m,2m,5m,10m,25m,50 m,100m