

OUTDOOR FIBER PATCH CORD



Description

Central loose tube filled with special grease, provide key protection for the fiber and ensure good water resistance. Two entrained parallel steel wires to ensure tensile strength and anti-tension. The cable is completed with a single medium density polyethylene (PE) sheath. It's suitable for installation in duct and aerial for communication between bureaus, trunk power transmission and access network.

Features

- Low dispersion and attenuation
- Good mechanical and temperature resistant performance
- Special fiber resistance to bending, provide greater bandwidth, enhance network transmission
- Two parallel reinforcement fiber has good compression performance, protection of optical fiber
- Fiber optic cable has simple structure, light weight, strong practicability
- Interfaces, SC ,LC ,FC ,ST optical fiber access
- Devices can be connected directly
- Low smoke zero halogen sheath,environmental protection and practical

Application

- Duct,Aerial&Pipeline.
- Long distance communication&inter-office communication&Access Network.
- Telecom/CATV Systems&FTTx.
- Computer Networking&Mechanical Checks.

BlueStorm produced new fiber optic outdoor patch cords used to connect devices outside of a building easily and economically,be integrated into the data network. This new outdoor patch cords come with the common LC ,SC ,FC duplex or simplex connector. The outdoor cable used in these cords is weather-proof, water-tight and UV-resistant. It is available with OM1,OM2,OM3,OM4 multimode fibers for data rates up to 40G per second and OS1,OS2 single mode fibers.The new outdoor patch cords can be used directly to connect devices as well as outlets and patch panels .

		Specification					
Fiber Count		2 - 48					
Fiber Type		Single mode G.652D - G.657A			Multimode OM3/OM4 - OM1/OM2/OM3/OM4		
Fiber Code Color		Yellow,Orange, Aqua					
Parameter	Unit	SC,LC,FC PATCH CORD				ST,MU	
		SM		MM		SM	MM
		PC	UPC	APC	PC	UPC	PC
Insertion Loss	dB	≤ 0.3	≤ 0.3	≤ 0.25	≤ 0.3	≤ 0.3	≤ 0.3
Return Loss	dB	≥ 45	≥ 50	≥ 60	≥ 30	≥ 45	≥ 50
Tight Fiber	OD(MM):	0.85±0.05					
	Material:	PVC					
Loose Tube	OD(mm):	2.2±0.1					
	Material:	PBT					
Sheath	Thickness(mm):	Non 1.9mm					
	Material:	HDPE					
OD of cable(MM)		6.0 ± 0.2					
Strength member		Steel wire (1.0mm)					
Operating Wavelength	nm	850,1310,1550					
Vibration	dB	≤ 0.2					
Exchangeability	dB	≤ 0.2					
Operating Temperature	°C	-40 ~ 75					
Storage Temperature	°C	-45 ~ 85					
Length	M	L 50, 100, 150, 200,250 Meter					
Attenuation	dB/km	≤ 0.4 at 1310nm ≤ 0.3 at 1550nm					
Cut-Off Wavelength (Acc)	nm	≤ 1260					
Zero Dispersion Wavelength	nm	1300 ~ 1324					

