Standard Fiber Optic Patch Cord

Features:

Low insertion loss High return loss
Excellent mechanical endurance
High credibility and stability
Good in repeatability and exchangeability

Applications:

Fiber optic communication networks
Optical access network
Data processing networks
Premise installations

Specification:

Connector Type	FC, SC, LC, ST, MU, MTRJ, MPO, E2000			
Fiber Type	SM(G.652D/G.657A)			MM(OM1/OM2/OM3/OM4)
Ferrule End-face	PC	UPC	APC	PC
Insertion Loss	≤0.3dB	≤0.2dB	≤0.3dB	≤0.2bB
Return Loss	≥45dB	≥50dB	≥60dB	≥35dB
Exchangeability	≤0.2dB			
Repeatability	≤ 0.1dB(1000 times)			
Durability	> 1000 times			
Operating Temperature	-40°C ~ +85°C			

Fiber type	Min. Bandwidth	Distance	attenuation
62.5/125	850/1300nm 200/500 MHz/Km	@100Mbps 2km @1Gig 220m	850/1300nm 3.0/1.0dB/km

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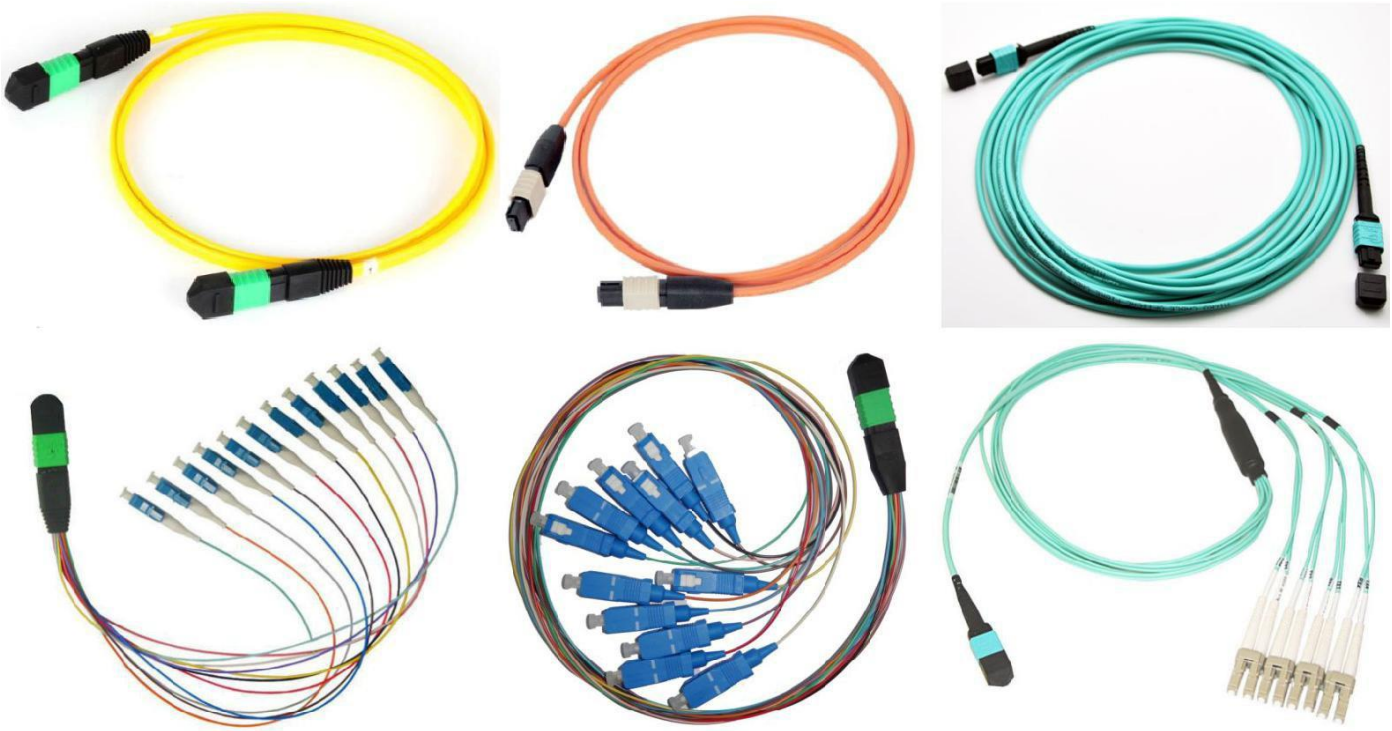
Standard Fiber Optic Patch Cord

50/125	850/1300nm 500/500 MHz/Km	@100Mbps 2km @1Gig 500m	850/1300nm 3.0/1.0dB/km
50/125 10Gig Optimized	850/1300nm 2000/500 MHz/Km	@100Gig Varies by VCSEL typical 300m 2850nm	850/1300nm 3.0/1.0dB/km
9/125	1310/1550nm Approx 100 Terahertz	Up to 100km Varies by transceiver	1310/1550nm 0.4/0.3dB/km

MPO Fiber Optic Patch Cord



Description:

MPO fiber optic patch cord is used in Ribbon type multi fiber assemblies, unlike simplex or duplex. There are several fiberglass connections in one MPO fiber optic patch cord, for example, 4 fibers, 8 fibers, 12fibers, 24 fibers.

Features:

High reflection loss with APC
High fiber density (maximum 24 fibers for Multimode)
Single mode and Multimode (Flat/Round) available
Fiber in single connector: 4, 8, 12 24
Insert/Pull latching connector

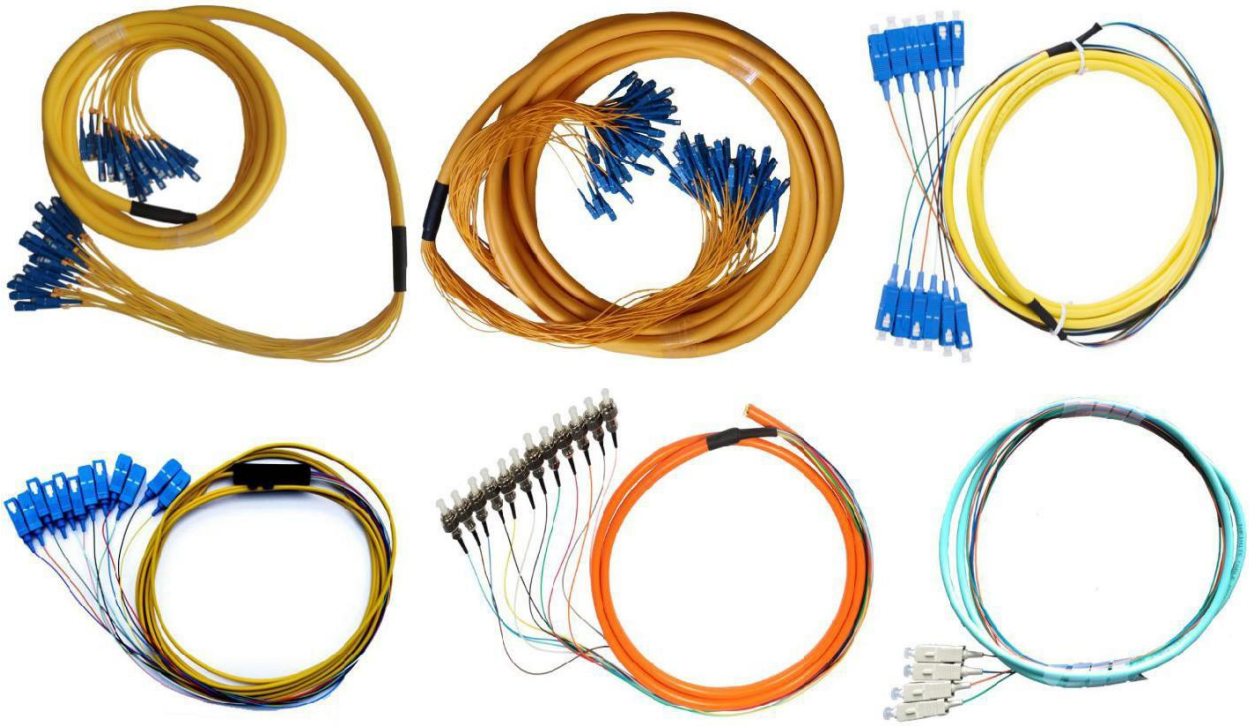
Applications:

Premise Installations
FTTH, CATV, LAN, MAN, WAN, Test & Measurement
Telecommunication and Data processing Networks
Video transmission, Data transmission
Active Device Termination

Specification:

Type/Performance	SM(APC Polish)		MM (UPC / Flat Polish)	
	Standard	Elite Low Loss	Standard	Elite Low Loss
Maximum Insertion Loss	≤ 0.75dB	≤ 0.35dB	≤ 0.60dB	≤ 0.35dB
Return Loss	≥ 50dB		N/A	
Operating Temperature	-40°C to 80°C		40°C to 80°C	
Test Wavelength	1310nm		850nm	

Multi-core Fiber Optic Patch Cord



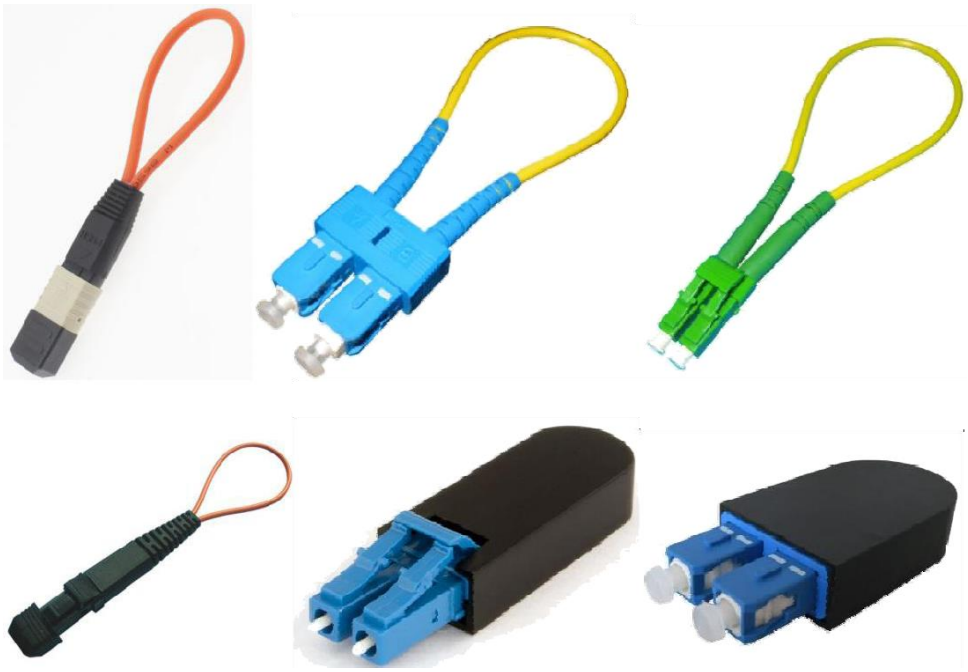
Features:

4~ 144 core available
0.9, 2.0, 3.0 fan-out available
Easy to use, easy to install and
maintain Environmentally stable

Applications:

Premise installations
Optical access network
Data processing networks
FTTH, LAN, CATV, Test equipment

Loopback Fiber Optic Patch Cord



Features:

Compact design

Easy installation
Environmentally stable

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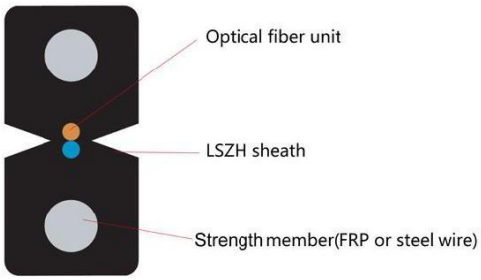
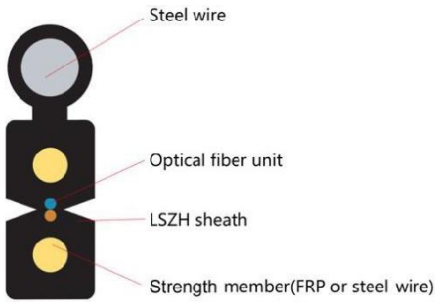
FTTH Drop Patch Cord





Feature:

1~12 core or customized
FRP/KFRP/Steel Strength member
Simple and convenient structure
Good design for lateral crushing resistance

Application:

FTTH
CATV
Fiber Tester
Telecommunication network

Specification:

Item		Parameter
Fiber Count		1 / 2 / 4 core
Tensile Load	Short-term	200N
	Long-term	100N
Crush Load	Short-term	1000N/100mm
	Long-term	300N/100mm
Minimum Static Bend Radius		15mm
Minimum Dynamic Bend Radius		30mm
Operation Temperature		-40°C~+60°C

Waterproof Fiber Optic Patch Cord

Feature:

1~12 core available
Waterproof features & reliable performance
Pull & erosion resistance, good grounding

Applications:

CATV & LAN
Data & Communication System
Connection for main fiber and optical receiver

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Armoured Fiber Optic Patch Cord

Feature:

Steel tape armored inside outer jacket
High return loss and low insertion loss
Factory terminated for superior performance
Resistance of pressure , flexural, and anti-bite

Application:

Test equipment
National defense
FO sensor
Light communication system

Specification:

Item		Parameter
Fiber Count		1~24 core
Tensile Load	Short-term	800N
	Long-term	600N
Crush Load	Short-term	5000N/100mm
	Long-term	3000N/100mm
Minimum Static Bend Radius		30mm
Minimum Dynamic Bend Radius		45mm
Operation Temperature		-40°C~+75°C

Outdoor Fiber Optic Patch Cord

Features:

Good mechanical performance
Good ultra violet resistant property
GYXTW,GYTA,GYTS,GYTA53 etc. available

Applications:

Long distance
LAN communication
Outdoor communication

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