

FC-FC

Fiber Optic Patch Cord / Pigtail

FC-FC Fiber Optical Patch Cord



Overview

FC Fiber Optic Patch Cord stands for Fixed Connection. It is fixed by way of a threaded barrel housing. FC-FC patch cords are typical in test environments and for single mode applications. FC connectors were designed for use in high-vibration environments. The FC connector is the most popular connector used today. It can be seen in every area of the communications environment, from a telecoms distribution room to a LAN closet the FC has set the standard for optical fiber connectors.

Features

- Superior qualified standard PC/UPC/APC polishing
- Compliant with Telcordia GR-326-Core, TIA/EIA and IEC61300
- 100% optic test (Insertion Loss & Return Loss)
- 0.9mm, 2.0mm and 3.0mm cable optional
- Simplex / Duplex Optional
- Flexible boot are available
- PVC/LSZH





Applications

- High Speed and volume Fiber Optic Transmission Systems
- CATV Networks
- LAN
- Fiber Optic Instrumentation

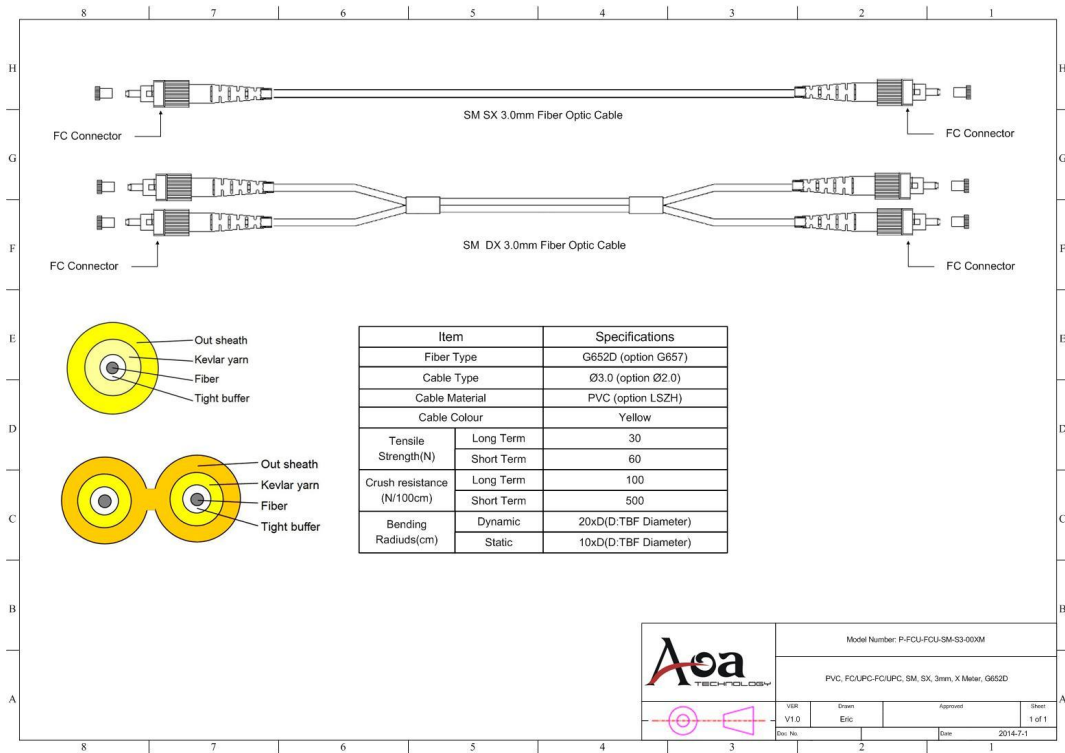
Technical Specifications

Patch Cord/Pigtail Spec			
Type	Single mode(UPC)	Single mode(APC)	Multi-mode (PC)
Insertion loss	≤0.2 dB	≤0.2 dB	≤0.2 dB
Return Loss	≥50 dB	≥60 dB	≥35 dB
Repeatability	≤0.1dB		
Durability	≥ 1000matings		
Operating Temperature	-40 °C to +80 °C		
Tensile Strength(N)	≥90N (φ 3), ≥70N (φ 2)		

Fiber Cable Connectors Type

			
FC SM SM 0.9	FC SM SX 2.0 yellow boot	FC UPC SM SX 3.0 blue boot	FC UPC SM DX 3.0 blue boot

Cable Structure



Order Information

Port	Polishing	Port	Polishing	Fiber Type	Cable Type	Fiber Length	Jacket
FC=FC SC=SC ST=ST LC=LC MU=MU RJ=MT/RJ E2=E2000 D4=D4 FI=FDDI EN=ESCON	U=UPC A=APC	FC=FC SC=SC ST=ST LC=LC MU=MU RJ=MT/RJ E2=E2000 D4=D4 FI=FDDI EN=ESCON	U=UPC A=APC	SM=SM 9/125um M5=MM 50/125um M6=MM 62.5/125um O3=MM OM3 O4=MM OM4	S9=Simplex 0.9mm S2=Simplex 2.0mm S3=Simplex 3.0mm D2=Duplex 2.0mm D3=Duplex 3.0mm DR=Round Duplex (For MT/RJ only)	001M=1 meter 002M=2 meter 001F=1 foot 002F=2 foot	P=PVC L=LSZH

Example: LCU-LCU-SM-S2-003M-P LC/UPC-LC/UPC SM 2.0mm 3meter PVC



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