SC-SC

Fiber Optic Patch Cord / Pigtail

SC-SC Fiber Optical Patch Cord

Overview

SC Fiber Optic Patch Cord stands for Subscriber Connector- a general purpose push/pull style connector developed by NTT. SC has an advantage in duplexibility to support send/receive channels. SC Connectors are frequently used for newer network applications.

The square, snap-in connector latches with a simple push-pull motion and is keyed. They feature a 2.5mm ferrule and molded housing for protection.

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
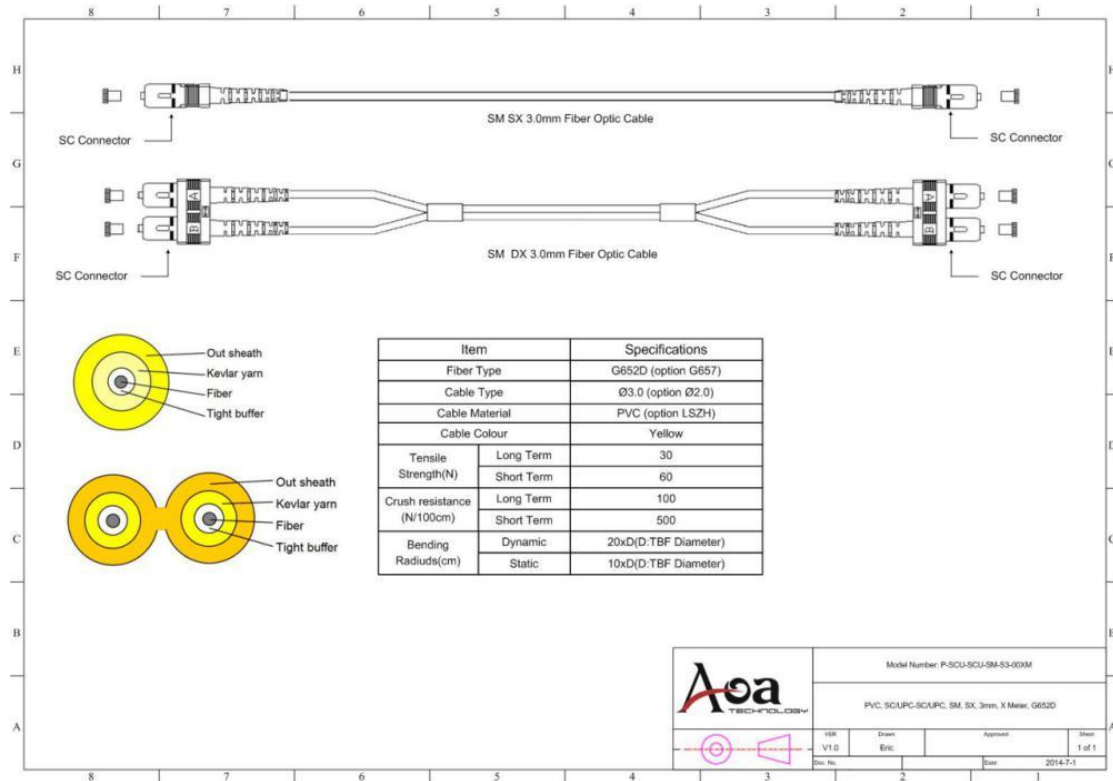- LAN
- Fiber Optic Instrumentation

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 ºC to +80 ºC		
Tensile Strength(N)	≥90N（φ3), ≥70N（φ2)		

Fiber Cable Connectors Type

SC UPC SM SX	SC UPC SM DX	SC UPC MM SX	SC APC SX	SC APC DX

Cable Structure

Item		Specifications
Fiber Type		G652D (option G657)
Cable Type		Ø3.0 (option Ø2.0)
Cable Material		PVC (option LSZH)
Cable Colour		Yellow
Tensile Strength(N)	Long Term	30
	Short Term	60
Crush resistance (N/100cm)	Long Term	100
	Short Term	500
Bending Radiuds(cm)	Dynamic	20xD(D:TBF Diameter)
	Static	10xD(D:TBF Diameter)

Model Number: P-SCU-SCU-SM-S3-00XM

PVC, SC/UPC-SC/UPC, SM, SX, 3mm, X Meter, G652D

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V1.0	Eric		1 of 1
Doc. No.		Date	2014-7-1

Order Information

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

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

For further information, please visit our website https://www.aoatech.com