SC Fiber Optic Patch Cord Cables

Features

● Low insertion loss

● High back reflection loss

● Stable capability and high reliability

● Excellent mechanical capability

● Boots in a variety of colors

● PVC jacket as default, LSZH/OFNP

jacket for choose

Description

Fiber Optic Patch Cable also known as fiber patch cord cable,optical cable or fiber optic jumper. As an important component commonly used in fiber optic networks, high quality fiber patch cable are essential for any high performance fiber optic networks. Optcore offers an extensive line of fiber optic patch cables with LC,SC,FC,ST,MU,MTRJ and E2000 connector choose, which manufactured using high quality material and are strictly tested for insertion and return loss to ensure superior performance and quality. This series SC fiber optic patch cable provide you many types including SC to SC, SC to LC,SC to ST, SC to FC with simplex or duplex fibers. You can also customize your own cables such as OS1,OS2,OM1,OM2,OM3 or OM4 fibers with different length.

Standard Compliance

● IEC Standard

● TELCORDIA GR-326-CORE

● RoHS compliant

Application

● Optical fiber communications system

● Optical fiber access networks

● Optical fiber CATV

● Optical fiber test equipment

● Optical fiber data communication

● Premises Distribution

● Local Area Networks (LAN)

● Fiber-to-the-Home (FTTX)

● Device Terminations

General Specifications

Specification	FC,SC,LC,ST,MU,MTRJ,E2000,D4			
	Single-mode			Multi-mode
	PC	UPC	APC	PC
Insertion Loss	≤0.3dB	≤0.2dB	≤0.3dB	≤0.3dB
Return Loss	≥45dB	≥50dB	≥60dB	≥20dB
Repeatability	≤0.2dB			
Changeability	≤0.1dB			
Vibration	≤0.2dB			
Length Tolerance	+/- 1cm			
Operating Temperature	-20 ~ +70℃			
Storage Temperature	-40 ~ +85℃			
Cable Diameter	φ3.0mm,φ2.0mm,φ0.9mm			
Jacket Material	PVC or LSZH or customized			
Jacket Color	OS1: Yellow OS2: Yellow OM1: Orange OM2: Orange OM3: Aqua OM4: Aqua or Violet			
Tensile strength	70N			

Ordering information

SC to SC Fiber Optic Patch Cable

Part number	Description
SC-SC-OS1-S1M	1M SC/UPC-SC/UPC Simplex 9/125µm Single Mode Fiber Optic Patch Cable
SC-SC-OS1-D1M	1M SC/UPC-SC/UPC Duplex 9/125µm Single Mode Fiber Optic Patch Cable
SC-SC-OM1-S1M	1M SC/UPC-SC/UPC Simplex Multimode 62.5/125µm OM1 Fiber Optic Patch Cable
SC-SC-OM1-D1M	1M SC/UPC-SC/UPC Duplex Multimode 62.5/125µm OM1 Fiber Optic Patch Cable
SC-SC-OM2-S1M	1M SC/UPC-SC/UPC Simplex Multimode 50/125µm OM2 Fiber Optic Patch Cable
SC-SC-OM2-D1M	1M SC/UPC-SC/UPC Duplex Multimode 50/125µm OM2 Fiber Optic Patch Cable
SC-SC-OM3-S1M	1M SC/UPC-SC/UPC Simplex Multimode 50/125µm 10G OM3 Fiber Optic Patch Cable
SC-SC-OM3-D1M	1M SC/UPC-SC/UPC Duplex Multimode 50/125µm 10G OM3 Fiber Optic Patch Cable
SC-SC-OM4-S1M	1M SC/UPC-SC/UPC Simplex Multimode 50/125µm 10G OM4 Fiber Optic Patch Cable
SC-SC-OM4-D1M	1M SC/UPC-SC/UPC Duplex Multimode 50/125µm 10G OM4 Fiber Optic Patch Cable

| SCA-SCA-OS1-S1M | 1M SC/APC-SC/APC Simplex 9/125µm Single Mode Fiber Optic Patch Cable |
| SCA-SCA-OS1-D1M | 1M SC/APC-SC/APC Duplex 9/125µm Single Mode Fiber Optic Patch Cable |

SC to LC Fiber Optic Patch Cable

Part number	Description
LC-SC-OS1-S1M	1M SC/UPC-LC/UPC Simplex 9/125µm Single Mode Fiber Optic Patch Cable
LC-SC-OS1-D1M	1M SC/UPC-LC/UPC Duplex 9/125µm Single Mode Fiber Optic Patch Cable
LC-SC-OM1-S1M	1M SC/UPC-LC/UPC Simplex Multimode 62.5/125µm OM1 Fiber Optic Patch Cable
LC-SC-OM1-D1M	1M SC/UPC-LC/UPC Duplex Multimode 62.5/125µm OM1 Fiber Optic Patch Cable
LC-SC-OM2-S1M	1M SC/UPC-LC/UPC Simplex Multimode 50/125µm OM2 Fiber Optic Patch Cable
LC-SC-OM2-D1M	1M SC/UPC-LC/UPC Duplex Multimode 50/125µm OM2 Fiber Optic Patch Cable
LC-SC-OM3-S1M	1M SC/UPC-LC/UPC Simplex Multimode 50/125µm 10G OM3 Fiber Optic Patch Cable
LC-SC-OM3-D1M	1M SC/UPC-LC/UPC Duplex Multimode 50/125µm 10G OM3 Fiber Optic Patch Cable
LC-SC-OM4-S1M	1M SC/UPC-LC/UPC Simplex Multimode 50/125µm 10G OM4 Fiber Optic Patch Cable
LC-SC-OM4-D1M	1M SC/UPC-LC/UPC Duplex Multimode 50/125µm 10G OM4 Fiber Optic Patch Cable
LCA-SCA-OS1-S1M	1M SC/APC-LC/APC Simplex 9/125µm Single Mode Fiber Optic Patch Cable
LCA-SCA-OS1-D1M	1M SC/APC-LC/APC Duplex 9/125µm Single Mode Fiber Optic Patch Cable

SC to ST Fiber Optic Patch Cable

Part number	Description
SC-ST-OS1-S1M	1M SC/UPC-ST/UPC Simplex 9/125µm Single Mode Fiber Optic Patch Cable
SC-ST-OS1-D1M	1M SC/UPC-ST/UPC Duplex 9/125µm Single Mode Fiber Optic Patch Cable
SC-ST-OM1-S1M	1M SC/UPC-ST/UPC Simplex Multimode 62.5/125µm OM1 Fiber Optic Patch Cable
SC-ST-OM1-D1M	1M SC/UPC-ST/UPC Duplex Multimode 62.5/125µm OM1 Fiber Optic Patch Cable
SC-ST-OM2-S1M	1M SC/UPC-ST/UPC Simplex Multimode 50/125µm OM2 Fiber Optic Patch Cable
SC-ST-OM2-D1M	1M SC/UPC-ST/UPC Duplex Multimode 50/125µm OM2 Fiber Optic Patch Cable
SC-ST-OM3-S1M	1M SC/UPC-ST/UPC Simplex Multimode 50/125µm 10G OM3 Fiber Optic Patch Cable
SC-ST-OM3-D1M	1M SC/UPC-ST/UPC Duplex Multimode 50/125µm 10G OM3 Fiber Optic Patch Cable
SC-ST-OM4-S1M	1M SC/UPC-ST/UPC Simplex Multimode 50/125µm 10G OM4 Fiber Optic Patch Cable
SC-ST-OM4-D1M	1M SC/UPC-ST/UPC Duplex Multimode 50/125µm 10G OM4 Fiber Optic Patch Cable
SCA-STA-OS1-S1M	1M SC/APC-ST/APC Simplex 9/125µm Single Mode Fiber Optic Patch Cable
SCA-STA-OS1-D1M	1M SC/APC-ST/APC Duplex 9/125µm Single Mode Fiber Optic Patch Cable

SC to FC Fiber Optic Patch Cable

Part number	Description
SC-FC-OS1-S1M	1M SC/UPC-FC/UPC Simplex 9/125µm Single Mode Fiber Optic Patch Cable
SC-FC-OS1-D1M	1M SC/UPC-FC/UPC Duplex 9/125µm Single Mode Fiber Optic Patch Cable
SC-FC-OM1-S1M	1M SC/UPC-FC/UPC Simplex Multimode 62.5/125µm OM1 Fiber Optic Patch Cable
SC-FC-OM1-D1M	1M SC/UPC-FC/UPC Duplex Multimode 62.5/125µm OM1 Fiber Optic Patch Cable
SC-FC-OM2-S1M	1M SC/UPC-FC/UPC Simplex Multimode 50/125µm OM2 Fiber Optic Patch Cable
SC-FC-OM2-D1M	1M SC/UPC-FC/UPC Duplex Multimode 50/125µm OM2 Fiber Optic Patch Cable
SC-FC-OM3-S1M	1M SC/UPC-FC/UPC Simplex Multimode 50/125µm 10G OM3 Fiber Optic Patch Cable
SC-FC-OM3-D1M	1M SC/UPC-FC/UPC Duplex Multimode 50/125µm 10G OM3 Fiber Optic Patch Cable
SC-FC-OM4-S1M	1M SC/UPC-FC/UPC Simplex Multimode 50/125µm 10G OM4 Fiber Optic Patch Cable
SC-FC-OM4-D1M	1M SC/UPC-FC/UPC Duplex Multimode 50/125µm 10G OM4 Fiber Optic Patch Cable
SCA-FCA-OS1-S1M	1M SC/APC-FC/APC Simplex 9/125µm Single Mode Fiber Optic Patch Cable
SCA-FCA-OS1-D1M	1M SC/APC-FC/APC Duplex 9/125µm Single Mode Fiber Optic Patch Cable

Fiber Patch Cable Part Numbers

LC	-	SC	-	OM1	-	D	1M	-	20	-	PV
1		2		3		4	5		6		7

Connector A	Connector B	Fiber Mode	Fiber Count	Length	Fiber Diameter	Jacket
LC=LC/UPC	E2000=E2000/UPC	OS1=Single Mode 9µm	S=Simplex	1M=1meter	09=0.9mm	PV=PVC (As Default)
LCA=LC/APC	E2A=E2000/APC	OS2=Single Mode 9µm	D=Duplex	2M=2meter	20=2.0mm (As Default)	LS=LSZH
SC=SC/UPC	SMA=SMA/UPC	OM1=OM1 62.5µm		3M=3meter	30=3.0mm	OP=OFNP
SCA=SC/APC	SMAA=SMA/APC	OM2=OM2 50µm		4M=4meter		
ST=ST/UPC	DIN=DIN/UPC	OM3=10G OM3 50µm		......		
STA=ST/APC	DINA=DIN/APC	OM4=10G OM4 50µm		xxM=xxmeter		
FC=FC/UPC	MTRJ=MTRJ/UPC					
FCA=FC/APC	MTRJA=MTRJ/APC					
MU=MU/UPC	D4=D4/UPC					
MUA=MU/APC	D4A=D4/APC					
MPO=MPO/UPC						
MPOA=MPO/APC						

For more product information,visit us on the web at www.optcore.net

http://www.optcore.net