

Optical Fiber Patch Cords – Simplex & Duplex



Alpha Max offers simplex and duplex fiber optic patch cords in variety of Simplex and Duplex Patch Cords. The terminated connectors in assemblies are compatible with industry standards IEC61754/TIA/EIA.

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/ PVC jacket for choose.

Technical Specifications

Specification	FC,SC,LC,ST			
	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

S. No.	Item Description	Part Code
SC-SC Patch Cord		
1	SC/APC-SC/APC Simplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-S-SM-FPC-SC-SC-APC-XX
2	SC/APC-SC/APC Duplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-D-SM-FPC-SC-SC-APC-XX
3	SC/UPC-SC/UPC Simplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-S-SM-FPC-SC-SC-UPC-XX
4	SC/UPC-SC/UPC Duplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-D-SM-FPC-SC-SC-UPC-XX
5	SC/PC-SC/PC Simplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-S-SM-FPC-SC-SC-PC-XX
6	SC/PC-SC/PC Duplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-D-SM-FPC-SC-SC-PC-XX
7	SC/PC-SC/PC Simplex 50/125µm Multi Mode OM2 Fiber Optic Patch Cord, XX mtr	AX-AG-S-MMOM2-FPC-SC-SC-PC-XX
8	SC/PC-SC/PC Duplex 50/125µm Multi Mode OM2 Fiber Optic Patch Cord, XX mtr	AX-AG-D-MMOM2-FPC-SC-SC-PC-XX
9	SC/PC-SC/PC Simplex 50/125µm Multi Mode OM3 Fiber Optic Patch Cord, XX mtr	AX-AG-S-MMOM3-FPC-SC-SC-PC-XX
10	SC/PC-SC/PC Duplex 50/125µm Multi Mode OM3 Fiber Optic Patch Cord, XX mtr	AX-AG-D-MMOM3-FPC-SC-SC-PC-XX
11	SC/PC-SC/PC Simplex 50/125µm Multi Mode OM4 Fiber Optic Patch Cord, XX mtr	AX-AG-S-MMOM4-FPC-SC-SC-PC-XX
12	SC/PC-SC/PC Duplex 50/125µm Multi Mode OM4 Fiber Optic Patch Cord, XX mtr	AX-AG-D-MMOM4-FPC-SC-SC-PC-XX
SC-LC Patch Cord		
13	SC/APC-LC/APC Simplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-S-SM-FPC-SC-LC-APC-XX
14	SC/APC-LC/APC Duplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-D-SM-FPC-SC-LC-APC-XX
14	SC/UPC-LC/UPC Simplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-S-SM-FPC-SC-LC-UPC-XX
15	SC/UPC-LC/UPC Duplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-D-SM-FPC-SC-LC-UPC-XX
15	SC/PC-LC/PC Simplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-S-SM-FPC-SC-LC-PC-XX
16	SC/PC-LC/PC Duplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-D-SM-FPC-SC-LC-PC-XX
16	SC/PC-LC/PC Simplex 50/125µm Multi Mode OM2 Fiber Optic Patch Cord, XX mtr	AX-AG-S-MMOM2-FPC-SC-LC-PC-XX
17	SC/PC-LC/PC Duplex 50/125µm Multi Mode OM2 Fiber Optic Patch Cord, XX mtr	AX-AG-D-MMOM2-FPC-SC-LC-PC-XX
17	SC/PC-LC/PC Simplex 50/125µm Multi Mode OM3 Fiber Optic Patch Cord, XX mtr	AX-AG-S-MMOM3-FPC-SC-LC-PC-XX
18	SC/PC-LC/PC Duplex 50/125µm Multi Mode OM3 Fiber Optic Patch Cord, XX mtr	AX-AG-D-MMOM3-FPC-SC-LC-PC-XX
18	SC/PC-LC/PC Simplex 50/125µm Multi Mode OM4 Fiber Optic Patch Cord, XX mtr	AX-AG-S-MMOM4-FPC-SC-LC-PC-XX
19	SC/PC-LC/PC Duplex 50/125µm Multi Mode OM4 Fiber Optic Patch Cord, XX mtr	AX-AG-D-MMOM4-FPC-SC-LC-PC-XX
SC-ST Patch Cord		
20	SC/APC-ST/APC Simplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-S-SM-FPC-SC-ST-APC-XX
21	SC/APC-ST/APC Duplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-D-SM-FPC-SC-ST-APC-XX
21	SC/UPC-ST/UPC Simplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-S-SM-FPC-SC-ST-UPC-XX
22	SC/UPC-ST/UPC Duplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-D-SM-FPC-SC-ST-UPC-XX
22	SC/PC-ST/PC Simplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-S-SM-FPC-SC-ST-PC-XX
23	SC/PC-ST/PC Duplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-D-SM-FPC-SC-ST-PC-XX
23	SC/PC-ST/PC Simplex 50/125µm Multi Mode OM2 Fiber Optic Patch Cord, XX mtr	AX-AG-S-MMOM2-FPC-SC-ST-PC-XX
24	SC/PC-ST/PC Duplex 50/125µm Multi Mode OM2 Fiber Optic Patch Cord, XX mtr	AX-AG-D-MMOM2-FPC-SC-ST-PC-XX
24	SC/PC-ST/PC Simplex 50/125µm Multi Mode OM3 Fiber Optic Patch Cord, XX mtr	AX-AG-S-MMOM3-FPC-SC-ST-PC-XX
25	SC/PC-ST/PC Duplex 50/125µm Multi Mode OM3 Fiber Optic Patch Cord, XX mtr	AX-AG-D-MMOM3-FPC-SC-ST-PC-XX
25	SC/PC-ST/PC Simplex 50/125µm Multi Mode OM4 Fiber Optic Patch Cord, XX mtr	AX-AG-S-MMOM4-FPC-SC-ST-PC-XX
26	SC/PC-ST/PC Duplex 50/125µm Multi Mode OM4 Fiber Optic Patch Cord, XX mtr	AX-AG-D-MMOM4-FPC-SC-ST-PC-XX



S. No.	Item Description	Part Code
SC-FC Patch Cord		
27	SC/APC-FC/APC Simplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-S-SM-FPC-SC-FC-APC-XX
28	SC/APC-FC/APC Duplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-D-SM-FPC-SC-FC-APC-XX
28	SC/UPC-FC/UPC Simplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-S-SM-FPC-SC-FC-UPC-XX
29	SC/UPC-FC/UPC Duplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-D-SM-FPC-SC-FC-UPC-XX
29	SC/PC-FC/PC Simplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-S-SM-FPC-SC-FC-PC-XX
30	SC/PC-FC/PC Duplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-D-SM-FPC-SC-FC-PC-XX
30	SC/PC-FC/PC Simplex 50/125µm Multi Mode OM2 Fiber Optic Patch Cord, XX mtr	AX-AG-S-MMOM2-FPC-SC-FC-PC-XX
31	SC/PC-FC/PC Duplex 50/125µm Multi Mode OM2 Fiber Optic Patch Cord, XX mtr	AX-AG-D-MMOM2-FPC-SC-FC-PC-XX
31	SC/PC-FC/PC Simplex 50/125µm Multi Mode OM3 Fiber Optic Patch Cord, XX mtr	AX-AG-S-MMOM3-FPC-SC-FC-PC-XX
32	SC/PC-FC/PC Duplex 50/125µm Multi Mode OM3 Fiber Optic Patch Cord, XX mtr	AX-AG-D-MMOM3-FPC-SC-FC-PC-XX
32	SC/PC-FC/PC Simplex 50/125µm Multi Mode OM4 Fiber Optic Patch Cord, XX mtr	AX-AG-S-MMOM4-FPC-SC-FC-PC-XX
33	SC/PC-FC/PC Duplex 50/125µm Multi Mode OM4 Fiber Optic Patch Cord, XX mtr	AX-AG-D-MMOM4-FPC-SC-FC-PC-XX
LC-LC Patch Cord		
34	LC/APC-LC/APC Simplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-S-SM-FPC-LC-LC-APC-XX
35	LC/APC-LC/APC Duplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-D-SM-FPC-LC-LC-APC-XX
35	LC/UPC-LC/UPC Simplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-S-SM-FPC-LC-LC-UPC-XX
36	LC/UPC-LC/UPC Duplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-D-SM-FPC-LC-LC-UPC-XX
36	LC/PC-LC/PC Simplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-S-SM-FPC-LC-LC-PC-XX
37	LC/PC-LC/PC Duplex 9/125µm Single Mode Fiber Optic Patch Cord, XX mtr	AX-AG-D-SM-FPC-LC-LC-PC-XX
37	LC/PC-LC/PC Simplex 50/125µm Multi Mode OM2 Fiber Optic Patch Cord, XX mtr	AX-AG-S-MMOM2-FPC-LC-LC-PC-XX
38	LC/PC-LC/PC Duplex 50/125µm Multi Mode OM2 Fiber Optic Patch Cord, XX mtr	AX-AG-D-MMOM2-FPC-LC-LC-PC-XX
38	LC/PC-LC/PC Simplex 50/125µm Multi Mode OM3 Fiber Optic Patch Cord, XX mtr	AX-AG-S-MMOM3-FPC-LC-LC-PC-XX
39	LC/PC-LC/PC Duplex 50/125µm Multi Mode OM3 Fiber Optic Patch Cord, XX mtr	AX-AG-D-MMOM3-FPC-LC-LC-PC-XX
39	LC/PC-LC/PC Simplex 50/125µm Multi Mode OM4 Fiber Optic Patch Cord, XX mtr	AX-AG-S-MMOM4-FPC-LC-LC-PC-XX
40	LC/PC-LC/PC Duplex 50/125µm Multi Mode OM4 Fiber Optic Patch Cord, XX mtr	AX-AG-D-MMOM4-FPC-LC-LC-PC-XX

Insert XX for length in Meters (M)