

OS1 OS2 G657 SC Enhanced Short Boot Patch Cords

Our SC enhanced patch cords supplied with a short boot are ideal for applications with tight space requirements. The connector length from tip to boot assembly is only 42 mm, compared to 57 mm for standard SC – 35% shorter! These patch cords have the added benefit of being supplied with reduced bend sensitivity ITU-T G.657 single mode optical fiber which exhibit much lower optical power loss under bend conditions while remaining compatible with conventional cabling. SC short boot patch cords are designed to meet IEC and BS EN requirements.

Features

- Short length – allows up to 40 mm space between rack and closed cabinet door
- Enhanced flexibility of the boot maintains minimum bend radius
- Cable dimensions of 2.0 mm, 1.8 mm, 1.6 mm for optimizing air flow space

Applications

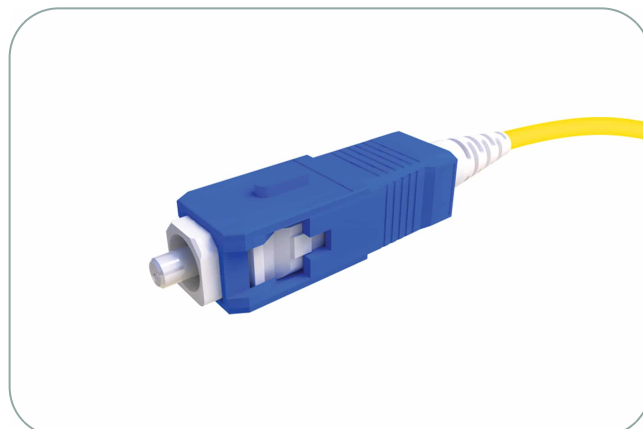
- Central Office
- Passive Optical Networks (PON)
- FTTx
- CATV / VIDEO
- WDM / DWDM
- Data centers
- LAN and WAN

Specifications

Connector Specification

OPTICAL PERFORMANCE	SINGLE MODE	CONFORMANCE
IL Max/Master (Acceptance)	0.25 dB	IEC 61300-3-4
Ave/Master	0.18 dB	IEC 61300-3-4
Ave/Random	0.18 dB	IEC 61300-3-34
Return Loss UPC/APC	55/65 dB	IEC 61300-3-6

Cable Specification



CHARACTERISTICS	SIMPLEX / DUPLEX
Cable Material*	LSZH
Strength Member	Aramid
Crush (N)	1000
Operating Temperature (°C)	-20 to 60
Fire Specification	IEC 60332-1

*PVC (RISER) also available

Fiber Specification

CHARACTERISTICS	
Attenuation (dB / km)	0.38 @ 1310 nm / 0.25 @ 1550 nm
Chromatic Dispersion (ps/nm x km)	3.0 @ 1310 nm / 18.0 @ 1550 nm

Ordering Information

Code	Fibre Type	Cable Type	Jacket Material	Code	End A	End B	Code	Unit	Length
P	7 G.657A1	AF1 Simplex 1.6mm	L LSZH	9E	D SC	D SC	-0008-	M Meters	1 1
	8 G.657A2	AH1 Simplex 2mm	R OFNR		E SCA	E SCA		F Feet	2 2
	B G.657B3	AO2 ZIP 1.6mm							3 3
		AQ2 ZIP 2mm							5 5
									10 10
									XX Specify

Legacy ordering information

Connector End A	Connector End B	Fiber Type	Cable Configuration	Cable Colour	Cable Diameter	Cable Length
SCS SC Short Boot	LCS LC Short Boot	7A1 G.657A1	D Duplex	YE Yellow	1.6MM 1.6mm	1 1 metre
SCAS SC APC Short Boot	LCAS LC APC Short Boot	7A2 G.657A2	S Simplex		1.8MM 1.8mm	2 2 metre
	SCS SC Short Boot	7B3 G.657B3	DL Duplex LSZH-3		2MM 2.0mm	3 3 metre
	SCAS SC APC Short Boot		SL Simplex LSZH - 3			5 5 metre
	LC LC		SR Riser Simplex			10 10 metre
	LCA LC APC		DR Riser Duplex			xx Specify
	SC SC		FD Flat Duplex			
	SCA SC APC					
	FC FC					
	FCA FC APC					
	ST ST					

Example Part Number

SCS	LC	7A1	D	YE	2MM	5
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This part number has created a 5 metre SC LSZH duplex patch cord with 2mm zip cable G.657A1 with a short boot SC and a standard LC connector.