

# LC Enhanced Short Boot Patch Cords

LC Enhanced patch cords supplied with a short boot are ideal for high density applications with tight space requirements. The connector length from tip to boot assembly is only 40 mm, compared to 66 mm for standard LC - 40% 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. LC short boot patch cords are designed to meet IEC or BS EN requirements.



## Features

- Short length - allows up to 40 mm space between rack and closed cabinet door - 25 mm extra!
- Enhanced flexibility of the boot maintains minimum bend radius
- No heatshrink system - improved cable flexibility
- 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

CHARACTERISTICS	SIMPLEX / DUPLEX
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 @ 1550n m

### 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	A LC	A LC	-0008-	M Meters	1 1
	8 G.657A2	AH1 Simplex 2mm	R OFNR		B LCA	B LCA		F Feet	2 2
	B G.657B3	AO2 ZIP 1.6mm				D SC			3 3
		AQ2 ZIP 2mm				E SCA			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
LCS LC Short Boot	LCS LC Short Boot	7A1 G.657A1	D Duplex	YE Yellow	1.6MM 1.6mm	1 1 metre
LCAS LC APC Short Boot	LCAS LC APC Short Boot	7A2 G.657A2	S Simplex		1.8MM 1.8mm	2 2 metre
	LC LC	7B3 G.657B3	DL Duplex LSZH-3		[leave blank] 2.0mm	3 3 metre
	LCA LC APC		SL Simplex LSZH - 3			5 5 metre
	SC SC		SR Riser Simplex			10 10 metre
	SCA SC APC		DR Riser Duplex			xx Specify
	FC FC		FD Flat Duplex			
	FCA FC APC					
	ST ST					

### Example Part Number

LCS	LC	7A1	D	YE		5
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This part number has created a 5 metre LC LSZH duplex patch cord with 2mm zip cable G.657A1 with a short boot at one end.