



mSFP Mini LC Patch Cords

High performance mini-LC patch cords designed and manufactured for the interconnection between patch panels and high density equipment. Mini-LC connectors are designed with a pitch of 5.25mm for use with mSFP transceivers, allowing up to 64 channels in 1U.

Features

- Available with LC connectors
- Available in multiple fibre types and lengths
- ISO/IEC, TIA/EIA and Telcordia compliant
- RoHS, REACH and SvHC compliant

Applications

- Data centers
- Storage Area Networks
 - Brocade: FC8-64 blades used in DCX and DCX 8150 family SAN Backbones
 - IBM: FC#3864 blades used in SAN768B and SAN384B Backbones
 - HP: 64-port 8Gb Fibre Channel Blades used in SN8000B SAN Director

Specifications

Connector Specification

OPTICAL PERFORMANCE	MULTIMODE	CONFORMANCE
IL Max/Master (Acceptance)	0.15dB	IEC 61300-3-4
Ave/Master	0.08dB	IEC 61300-3-4
Ave/Random	0.10dB	IEC 61300-3-34
Return Loss UPC/APC	>28dB	IEC 61300-3-6

MECHANICAL PROPERTIES	VALUE	CONFORMANCE
Mechanical endurance	500 matings	IEC 61300-2-2
Vibration	10-55 Hz, 0.75 amplitude	IEC 61300-2-1
Drop	5 drops at 1m	IEC 61300-2-12
Cable retention	50N	IEC 61300-2-4
Cable torsion	1.5kg – 2.5kg for 2mm – 3mm cable diameter	IEC 61300-2-5

CONNECTOR TYPE	CONFORMANCE	MULTIMODE DUPLEX
LC Connector	IEC 61754-20	MM PC – Aqua, White Boots

Cable Specification

CHARACTERISTICS	
Cable Material	LSZH*
Strength Member	Aramid
Crush (N)	1000
Operating Temperature (°C)	-20 to +60
Fire Performance	IEC 60332-1
Secondary Buffer Diameter (2.0mm) µm	900±50
Secondary Buffer Diameter (1.6mm and 1.8mm)	600±50
Minimum Bend Radius (mm)	10D (installed) – 20D (loaded)

*Also available in PVC

Ordering Information

	Connector A		Connector B		Fibre Type		Cable Diameter		Configuration		Length	
	Mo	LC	oo	LC	3	OM ₃	6	1.6mm	2	Duplex	o1	1m
OPCM							8	1.8mm	2L	Duplex LSZH 3	o2	2m
							2	2mm	2V	Duplex PVC	o3	3m
											o5	5m
											10	10m
										
											xx	Specify

Example order code

OPCM - Mo oo - 3 2 2 - 15

Patch Cord Mini LC/UPC – LC/UPC OM₃ Duplex 2mm LSZH 15m

Technical Drawing

