



Data Centre Patch Cords

Premium Data Centre patch cords, designed for low loss data centre applications. They are terminated with premium grade zirconia ferrule connector in order to offer low optical power loss and enhanced transmission performance.

Features

- Low loss optical performance
- Offered with optimized LC and SC connectors
- IEC, EIA/TIA and Telecordia compliant
- Available in OM₃, OM₄ and OS₂
- Standard and reduced bend sensitivity option
- Flexible boot allows connection in compact spaces
- RoHS materials, REACH and SvHC compliant

Applications

- Data Centres
- Critical network applications
- High Bandwidth Ethernet
- Fibre Channel
- Storage Area Networks

Specifications

Connector Specification

OPTICAL PERFORMANCE	SINGLEMODE	MULTIMODE	CONFORMANCE
IL Max/Master (Acceptance)	0.15dB	0.15dB	IEC 61300-3-4
Ave/Master	0.12dB	0.08dB	IEC 61300-3-4
Ave/Random	0.12dB	0.10dB	IEC 61300-3-34
Return Loss*	55/65dB	>28dB	IEC 61300-3-6

*Return Loss based on sample data

MECHANICAL PROPERTIES	VALUE	CONFORMANCE
Mechanical Endurance	500 matings	IEC 61300-2-2
Vibration	10-55Hz, 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	SINGLEMODE	MULTIMODE	SINGLEMODE DUPLEX	MULTIMODE DUPLEX
SC Connector	IEC 61754-4	SM PC – Blue, Blue Boots APC – Green, Green Boots	MM PC – Aqua, Aqua Boots	SM PC – Blue, Blue Boots APC – Green, Green Boots	MM PC – Aqua, Aqua Boots
LC Connector	IEC 61754-20	SM PC – Blue, White Boots APC – Green, White Boots	MM PC – Aqua, White Boots	SM PC – Blue, White Boots APC – Green, White Boots	MM PC – Aqua, White Boots

Cable Specification

CHARACTERISTICS

Cable Material	LSZH*
Strength Member	Aramid
Crush (N)	1000
Operating Temperature (°C)	-20 to +60
Fire Specification	IEC 60332-1
Secondary Buffer Diameter (2.0mm) μm	900 \pm 50
Secondary Buffer Diameter (1.6mm and 1.8 mm)	600 \pm 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	
	Code	Type	Code	Type	Count	Type	Count	Type	Code	Type	Code	Type
OPCD	00	LC	00	LC	9	G.652.D	6	1.6mm	1	Simplex	01	1m
	01	LCA	01	LCA	3	OM3	8	1.8mm	2	Duplex	02	2m
	02	SC	02	SC	4	OM4	2	2mm	1L	Simplex LSZH 3	03	3m
	03	SCA	03	SCA	A1	G.657.A1			2L	Duplex LSZH 3	05	5m
					A2	G.657.A2					10	10m
					3R	OM3 RBS				
					4R	OM4 RBS					xx	Specify

Example order code

OPCD - 00 00 - 3R 6 2L - 15

Data Centre Patch Cord LC/UPC – LC/UPC Multimode OM3 RBS Duplex 1.6mm LSZH 3 15m

OPCD - 00 03 - A2 2 2 - 05

Data Centre Patch Cord LC/UPC – SC/APC Singlemode G.657.A2 Duplex 2mm LSZH 5m

Technical Drawing

