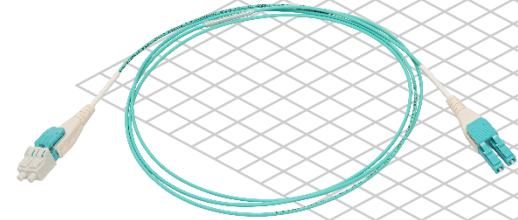


LC Uniboot Reversible Patch Cord

The LC Uniboot Reversible Patch Cord is a high-density solution designed to deliver maximum connectivity performance in a minimal footprint. LC Duplex Uniboot bundles two fibers in a single 2mm patch cord, saving up to 50% in cabling volume, enabling tool-free cable maintenance, and reversible polarity in the field for faster MACs. Patch cords are easily identified by color and custom designed labels.



Data Centers



High Density Environments



Storage Area Networks (SAN)



Communications Rooms



Data Communication Networks

FEATURES

- High-density solution provides seamless, high-quality connectivity and performance supporting all fiber types: OM1, OM2, OM3, OM4 or SM
- Reversible polarity in the field
- Custom sleeve labeling for easy identification
- All-dielectric cable designed for maximum safety and electromagnetic noise reduction
- Shorter connector length by heat shrinking allows enhanced flexibility and space savings
- Durable strain relief and pulling eye grips enable faster deployment
- LSZH-FR (Low Smoke Zero Halogen, Flame Retardant) / HFFR (Halogen Free Flame Retardant) cable jackets deliver greater fire protection performance
- Efficient cable management and built-in labeling chart make MACs fast and smooth
- IL/RL (Insertion Loss and Return Loss) and ferrule geometry testing for every fiber to ensure high-quality performance
- Colored latches for easy network identification (12 colors available)
- Fully operational and field-proven solution installed successfully at high-density, high-availability facilities such as Disaster Recovery Plan (DRP), Business Continuity Planning (BCP) and central Data-Center sites.

STANDARDS

Compliant with the following standards:

- IEEE 802.3ab-2010 - ETL lab verified (up to 100G Ethernet)
- IEEE 802.3ae 10Gb/sec
- IEC 60793-2-10:2019, applicable to A1-OM3, A1-OM4, A1-OM5
- ITU-T G.657A2, applicable to SM OS2
- TIA-604-10 (LC FOCIS 10), IEC 61754-20, TIA 568-C.3, IEC 60793-1, IEC 61755-3, IEC 11801 (OS2, OM3, OM4 and OM5), TIA 492.AAAC, TIA 492.AAAD, TIA 942-1
- UL94-V-0, IEC 60332-3C, IEC 60754-2, IEC 61034
- RoHS

SPECIFICATIONS

PARAMETER	MULTI-MODE	SINGLE-MODE
LC Connection Insertion Loss	0.1 dB Typical 0.15 dB Maximum	
LC Return Loss (Back reflection)	>35 dB Minimum (UPC)	>55 dB Min. (UPC) >65 dB Min. (APC)
Connector Repeatability (Loss Increase)	< 0.1 dB	< 0.1 dB
Fiber Attenuation	< 3.0 dB/km @850nm	< 0.35 dB/km @1310/1550 nm
Fiber Max. Bending Radius	7.5 mm	Max 7.5 mm
Cable Max. Bending Radius	10 mm	Max 7.5 mm
Operating Temperature	-20°C to 70°C	-20°C to 70°C
Temperature Cycling (Loss Variation)	Insertion Loss < 0.1 dB Return Loss < 5 dB	Insertion Loss < 0.1 dB Return Loss < 5 dB
Vibration (Loss Variation)	Insertion Loss < 0.1 dB Return Loss < 5 dB	Insertion Loss < 0.1 dB Return Loss < 5 dB
Cable Retention	60N	60N
Connector Retention	60N	60N
Retention (Loss Variation)	Insertion Loss < 0.1 dB Return Loss < 5 dB	Insertion Loss < 0.1 dB Return Loss < 5 dB

BUILD YOUR ORDER

Example: FUG-9999UU0010-R

Fiber Type=04[Bi]; Connector Type Side A=LC-LC; Connector Type Side B=LC-LC; Polish Type Side A=UPC; Polish Type Side B=UPC; Cable Length=1 m; Polarity=Cross; Color=Red

FUG-X X X X XXXX X - XXX

FIBER TYPE		CONNECTOR TYPE SIDE 1 & 2		POLISH TYPE SIDE 1		POLISH TYPE SIDE 2		CABLE LENGTH		POLARITY		LATCH COLOR PULL TAB	
5	50/125	0	No Connection	U	UPC	U	UPC	CXXX	XXX cm	None	Cross	None	Default
6	62.5/125	1	ST	A	APC	A	APC	XXXX	XXXX m	D	Direct	R	Red
7	G.657.A2 [Bi]	2	FC									P	Purple
0	OM3 [Bi]	4	SC									DP	dark purple
G	OM4 [Bi]	4R	SC Duplex									O	Orange
		9	Reversible									V	Violet
												BE	Beige
												B	Black
												BL	Blue
												GR	Green
												LGR	Lime green
												A	Aqua
												PT	Pull Tab

Pull Tab

The LC Uniboot Patch Cord includes a Latch Pull Tab. The tab allows for the connector to be easily disengaged from densely loaded panels without the need for special tools.

