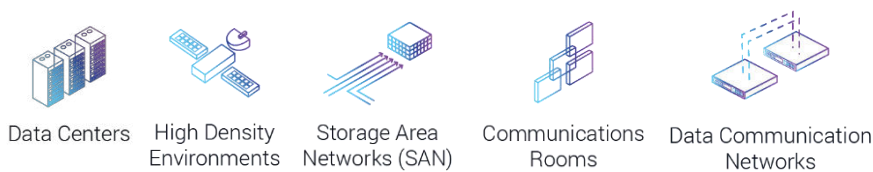
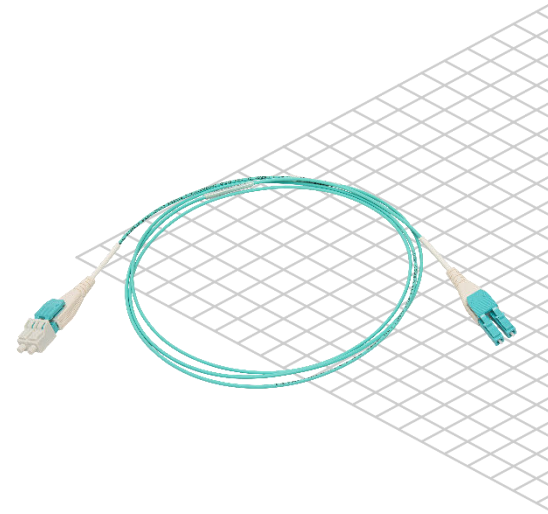


## LC Uniboot Reversible Patch Cord

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.



### 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[B]; 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 [B]	2	FC									P	Purple
0	OM3 [B]	4	SC									DP	dark purple
G	OM4 [B]	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.

