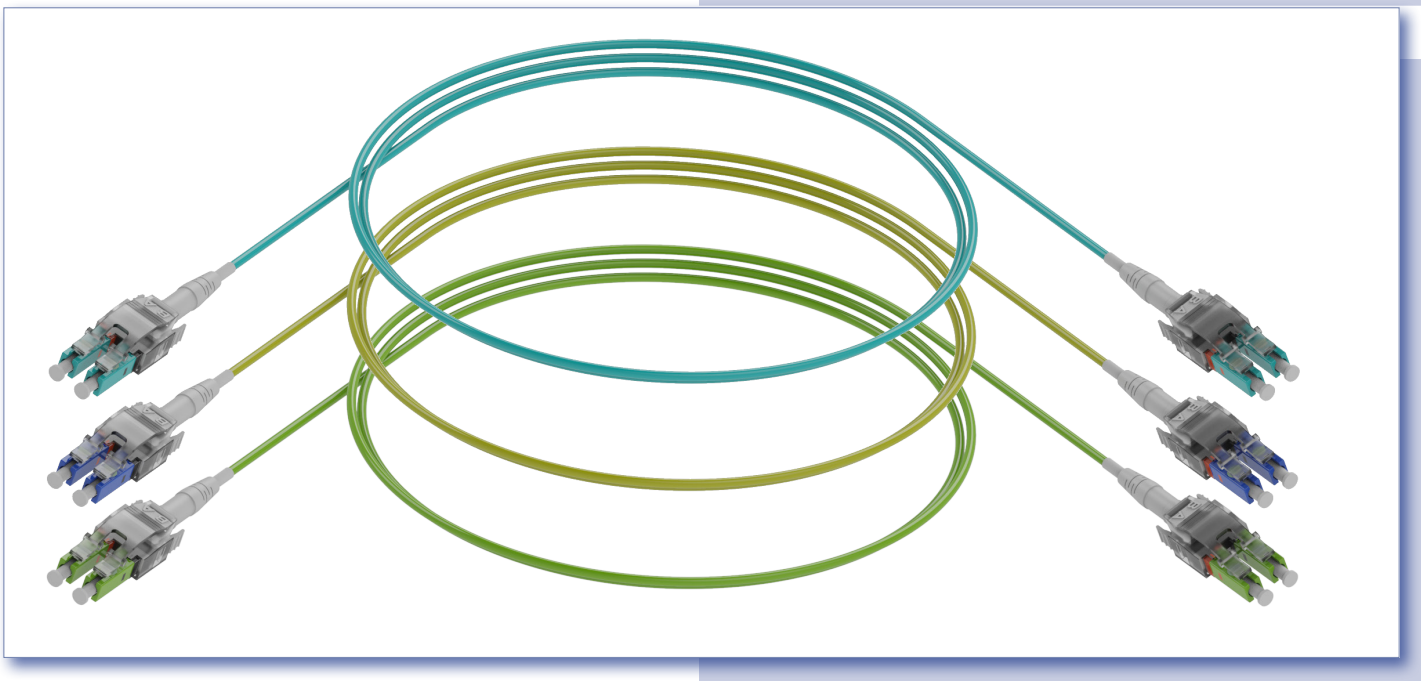
Xlight F/O LC-Duplex Uniboot 2 Sec Patch Cords

Fibers| Patch Cords | LC-LC



RiT's Xlight F/O LC-Duplex Uniboot patch cords are designed specifically for high density interconnect and cross-connect patching environments such as entrance facilities, data centers, telecoms, storage networks and at the desk place.

APPLICATIONS

- Data Centers Cabling
- Storage Area Networks (SAN)
- Communication Rooms
- Parallel Optics
- Fiber Channel
- 10G/40G-100G Interconnection

STANDARDS COMPLIANCE

- TIA/EIA-604-10 (FOCIS 10)
- TIA/EIA 568-C.3
- Comply with IEC 61754 series
- Telcordia GR-326-CORE Issue 4 standards.
- Fire resistance comply with low smoking (IEC 61304)
- Halogen free (IEC 60754-1)
- Flame retardant (IEC 60332-1)
- RoHS Compliant

KEY FEATURES

- Uniboot patch cord
- Colored "A" in Red & "B" in Black for fiber identification on both sides of the patch cord
- LC-Duplex patch cord polarity can be changed from Type A/B to Type A/A and vice versa in 2 seconds
- Low profile boot design
- Indoor use
- Superior optical performance in IL & RL Telcordia compliant for end face geometry ensuring low loss budget
- Bend insensitive fibers
- 100% tested
- RoHS and REACH compliant

RiT Tech (Intelligence Solutions) Ltd.
20 Atir Yeda St. Kfar Saba, 4464315, Israel | Tel: +972-77-2707270 | Fax: +972-3-6474115 | www.rittech.com

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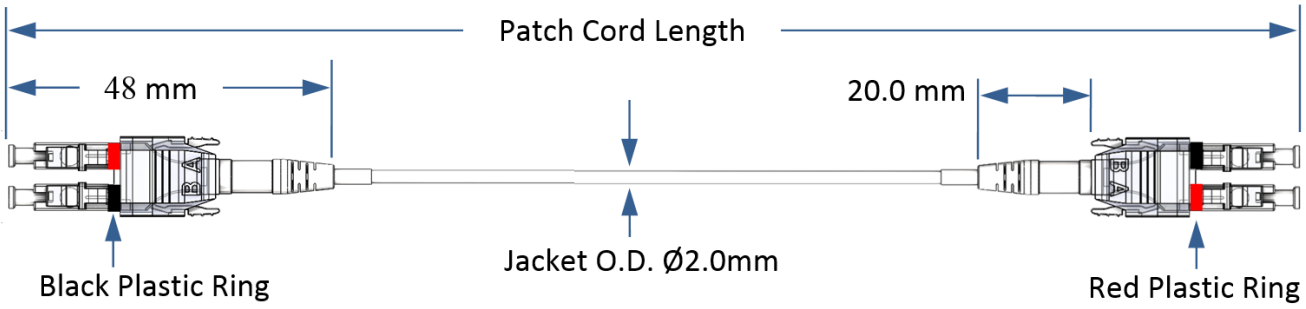
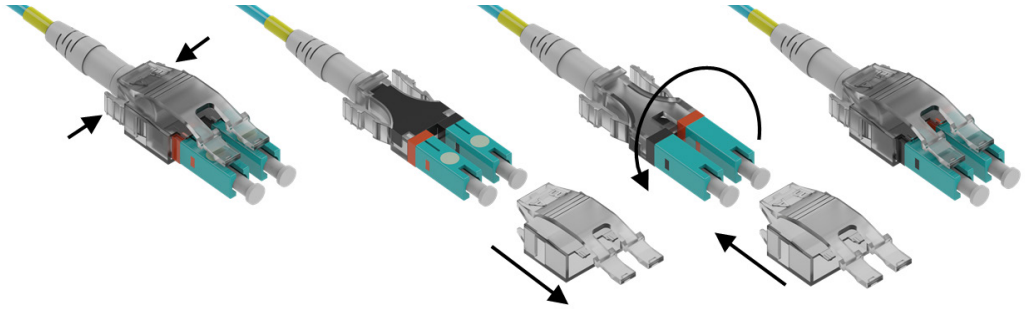
TECHNICAL DRAWING



2 SECONDS POLARITY CHANGE



TECHNICAL SPECIFICATION

Specifications	
Fibers	Single Mode: 9/125 um, OS2, G657A2 Multi Mode: 50/125 um, OM3/4/5, BI
Fiber Count	2
Polish Type	SM: UPC to UPC / MM: UPC to UPC
Connectors	LC-Duplex
Polarity	Default: Method B
Connector Housing Color	Multi Mode: OM3/OM4 - Aqua Multi Mode: OM5 - Lime Green Multi Mode: OS2 - Blue
Patch Cable Color	Multi Mode: OM3/OM4 - Aqua Multi Mode: OM5 - Lime Green Multi Mode: OS2 - Yellow

Specifications	
Patch Cable Jacket	LSZH
Patch Cable O.D	Ø 2.0 mm
Cable Strength Member	Aramid Yarn
Operating Temperature	-20°C to +70°C
Packaging	Polyethylene Bag with Test results

Patch cord Performance	
Insertion Loss	Typical ≤ 0.10 dB Max : 0.15 dB
Return Loss	Single mode: ≥ 55 dB (UPC) 60 dB (APC) Multi mode: ≥ 26 dB (UPC polish)

ORDERING INFORMATION

Part Number	Description
R4171XXX	Xlight F/O Patch Cord, LC, Duplex, SM, G657A2, UPC, Uniboot, LSZH
R4173XXX	Xlight F/O Patch Cord, LC, Duplex, MM50, OM3, Bend-Insensitive, Uniboot, LSZH
R4175XXX	Xlight F/O Patch Cord, LC, Duplex, MM50, OM4, Bend-Insensitive, Uniboot, LSZH
R4177XXX	Xlight F/O Patch Cord, LC, Duplex, MM50, OM5, Bend-Insensitive, Uniboot, LSZH

Notes:

- The last 3 digits represent patch cord length in XX.X Meters
  For example: Xlight F/O Patch Cord, LC, Duplex, SM, G657A2, UPC, Uniboot, LSZH RiT Part Number: R4171010 for 1.0 meter, R4171020 for 2.0 meters and R4171100 for 10.0 meters

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