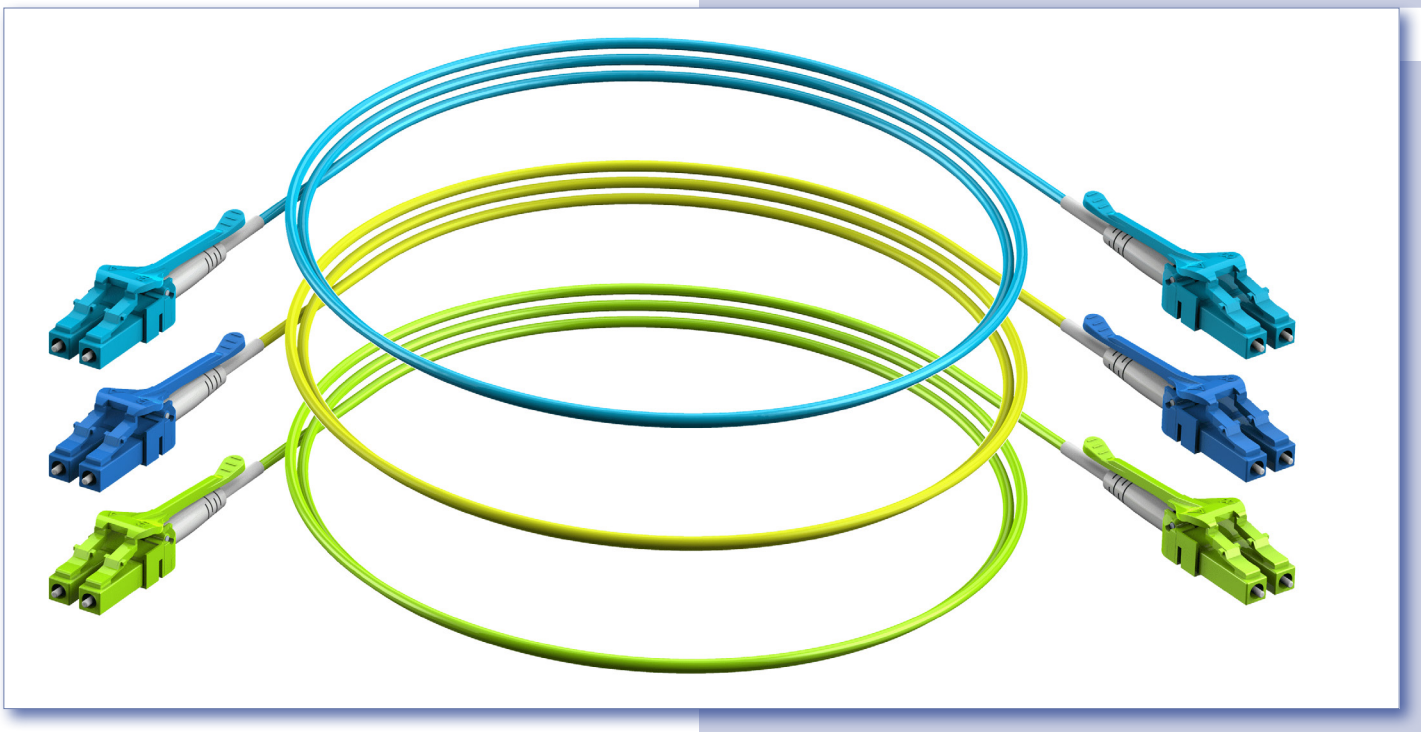
# Xlight F/O Patch Cords LC-Duplex Uniboot with Pull-Tab

**Fibers| Patch Cords | LC-LC**



RiT's Xlight F/O LC-Duplex Uniboot patch cords with pull tab 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
- 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

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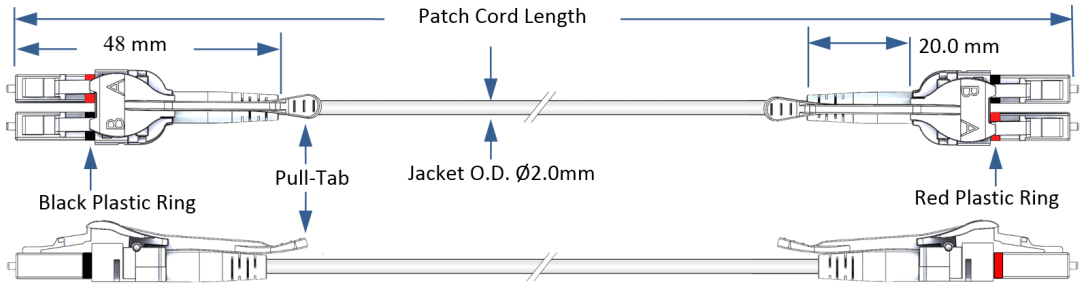
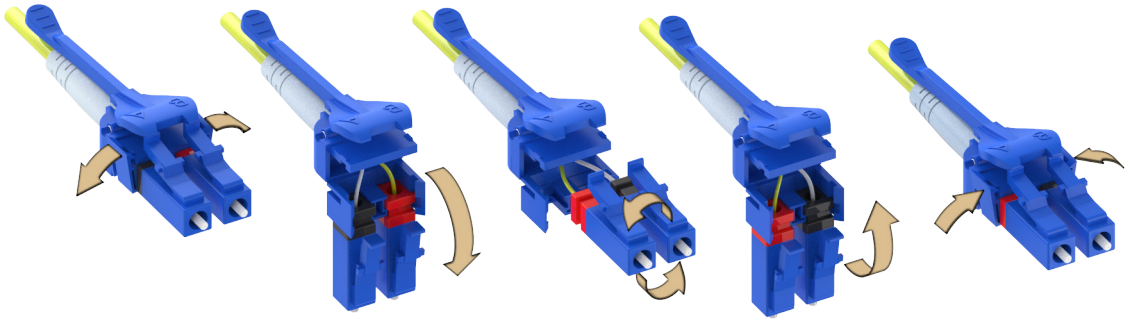
## TECHNICAL DRAWING




## POLARITY CHANGE



## TECHNICAL SPECIFICATION

| Specifications | |
|---|---|
| Fibers | Single Mode: 9/125 um, OS2, G657A2<br>Multi Mode: 50/125 um, OM4/5, BI |
| Fiber Count | 2 |
| Polish Type | SM: UPC to UPC / MM: UPC to UPC |
| Connectors | LC-Duplex |
| Polarity | Default: Method A to B |
| Connector Housing Color | Multi Mode: OM4 - Aqua<br>Multi Mode: OM5 - Lime Green<br>Multi Mode: OS2 - Blue |
| Patch Cable Color | Multi Mode: OM4 - Aqua<br>Multi Mode: OM5 - Lime Green<br>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<br>Max : 0.15 dB |
| Return Loss | Single mode: ≥ 55 dB (UPC) 60 dB (APC)<br>Multi mode: ≥ 26 dB (UPC polish) |

## ORDERING INFORMATION

| Part Number | Description |
|---|---|
| R4221XXX | Xlight F/O Patch Cord, LC Duplex, Uniboot, OM4, BI, UPC, Pull-Tab, LSZH |
| R4223XXX | Xlight F/O Patch Cord, LC Duplex, Uniboot, OM5, BI, UPC, Pull-Tab, LSZH |
| R4222XXX | Xlight F/O Patch Cord, LC Duplex, Uniboot, SM, G657A2, UPC, Pull-Tab, LSZH |

Notes:

- The last 3 digits represent patch cord length in XX.X Meters
  For example: Xlight F/O Patch Cord, LC Duplex, Uniboot, SM, G657A2, UPC, Pull-Tab, LSZH
  RiT Part Number: R4222010 for 1.0 meter, R4222020 for 2.0 meters and R4222100 for 10.0 meters
- Patch cords are supplied Type A to B as Standard

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