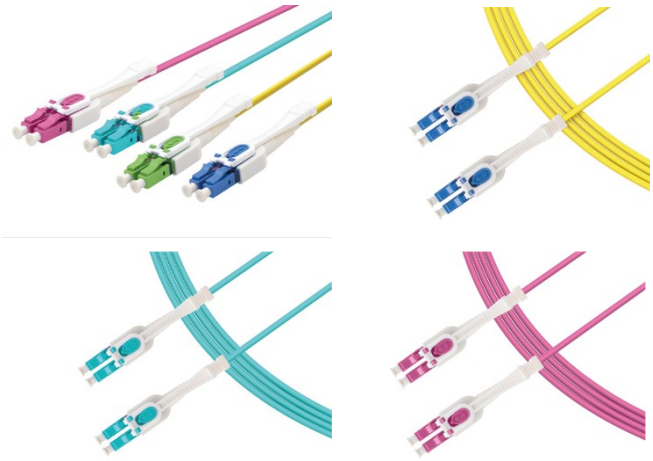
LC Fiber Patch Cords with Switchable Connector

Overview

Wave2Wave.io provides LC switchable uniboot fiber patch cords with pull-tab functionality. Our innovative LC switchable connector features a distinctive design that supports round cable formats (2.0mm or 3.0mm) rather than conventional zip cord duplex cables, enabling higher-density installations. The connector housing can be disassembled in the field without specialized tools, and the duplex LC configuration allows for polarity reversal during installation—eliminating the need to re-terminate connectors.



Features & Benefits

- **Tool-free polarity switching** – Reverse polarity in the field without additional equipment
- **Versatile fiber options** – Compatible with both single-mode and multimode applications
- **Customizable aesthetics** – Available in multiple cable colors to match your network infrastructure
- **Flexible cable configurations** – Offered with 2.0mm or 3.0mm round duplex cable options
- **Superior optical performance** – Delivers low insertion loss and high return loss for reliable connectivity
- **Environmentally compliant** – Meets RoHS standards

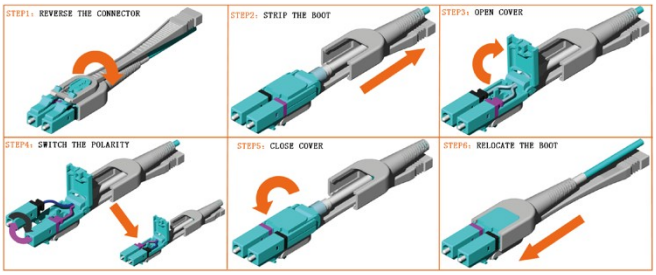
Applications

- Data Center Networking.
- High Density Cross Connect.
- Backbone Installations.
- Telecommunication Networks.
- Enterprise Computing.
- Premise Installations.
- Test Labs.
- Equipment Rooms.

Optical Performance Specifications

Fiber Type	SM		MM
Polishing	UPC	APC	PC
Insertion Loss	< 0.3dB	< 0.3dB	<0.2dB
Return Loss	≥ 50dB	≥ 60dB	≥ 35dB
Durability Matings	>1000 Matings		>1000 Matings
Core Diameter	9/125 µm		50/125 µm or 62.5/125 µm
Operating Temperature	-20 °C to +60 °C		

Steps to Switch Polarity



Standards Compliance

- Telcordia GR-1435-CORE
- TIA/EIA-568B
- IEC-61754-7
- RoHS

Product Selection

Part Number: ABUP-WCDEFg-XXM

AB	C	DE	F	g (option)	XX
31 (LC-LC)	3 (SMF)	02	0 (PC)	P (Plenum)	1 (1M)
	4 (OM3)		1 (UPC)	L (LSZH)	15 (15M)
	8 (OM4)		2 (APC)	M (2.0 Fiber)	