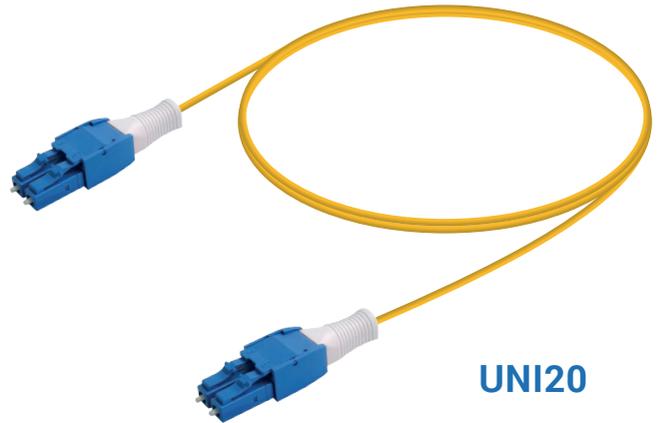# LC Duplex Polarity Reversible Uniboot Patch Cord | Single Mode
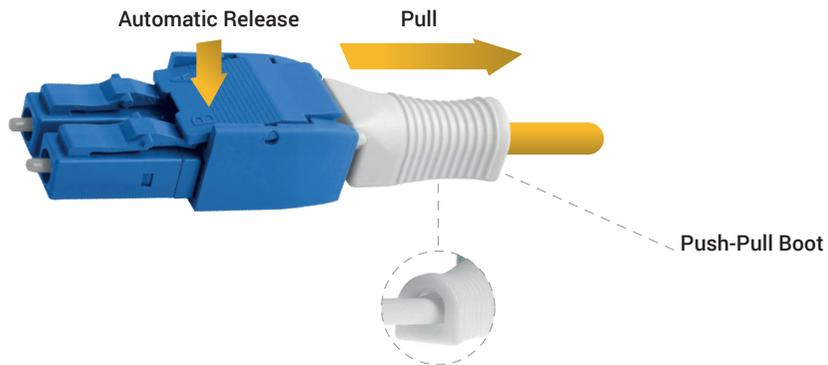
UNI20 Series with Push-Pull Boot Mechanism

The LC uniboot fiber patch cable have a duplex UNI20 series single-mode LC connector on each side. The patch cord utilises a special round duplex cable that allows duplex transmission within a single 1.2mm/2.5mm cable.

This uniboot LC duplex patch cord has easy Push-Pull connectors for quicker patching, and the polarity of its connectors can be switched by simply opening the connector's housing.
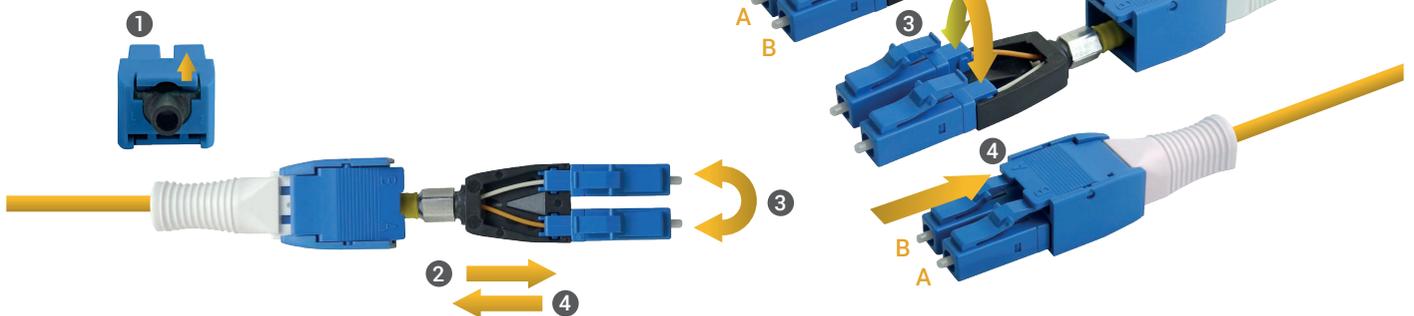
UNI20

Connector Features

- Effortless release, using the push-pull boot mechanism
- Reduced cable tangling due to undivided duplex cords
- Detachable casing makes polarity reversal rather simple
- Compatible with cable diameters from 1.2 mm to 2.5 mm
- IEC61754-20 and GR-326-Core compliant
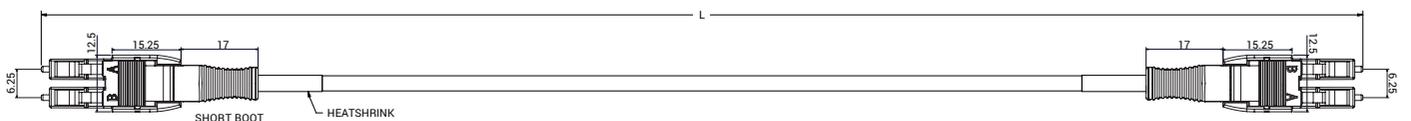- RoHS/REACH&UL94-V0 inflammability compliant

Automatic Release   **Pull**

Push-Pull Boot

Polarity Reversal

❶ Release the locking clamp ❷ Hold the connectors and pull back outer housing
❸ Remove the connectors from their slots gently, to avoid any damage and reverse the connectors' positions and reinstall them
❹ Return the housing back until it snaps

Dimensions

12.5 15.25 17

6.25

L

17 15.25 12.5

6.25

SHORT BOOT   HEATSHRINK

Unit of measurement: mm

Connector Specifications

LC Connector Compliance	IEC 61754-20
	GR-326-Core
	RoHS
Alignment Technology	Full ceramic ferrule (Zirconia ZrO$_2$)
Operating Temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	< 0.2 dB typical change for > 500 matings

Cable Specifications

- 2 cores round duplex fiber optic cable
- 2.0mm diameter
- Max. Tensile Strength is 300 N
- Min. Bending Radius is 15 mm
- Cable Color: Yellow

Color Coding

LC-UPC A2	Blue

LC-APC A2	Green

Optical Performance

Insertion Loss	Single Mode:	≤ 0.30dB Max.
IEC 61300-3-4 Method B		0.15dB Typ.
Return Loss	Single Mode UPC:	≥ 50dB
IEC61300-3-6 Method B	Single Mode APC:	≥ 60dB

End-face Control Parameters

Geometry Inspection	UPC : IEC 61755-3-1
	APC : IEC 61755-3-2
Visual Inspection	IEC 61300-3-35

Order Coding

I – PC – 02 – RND – 020 – A2 – LC(UNI20) – LC(UNI20) – 005M

Type	Type	Fiber Count	Cable Type	Diameter	Fiber Type	1. Connector	2. Connector	Length
Indoor: I	Patch Cord: PC	2 Fibers: 02	Round: RND	2.0 mm: 020	SM G.657 A2: A2	LC-UPC: LC(UNI20) LC-APC: LA(UNI20)	LC-UPC: LC(UNI20) LC-APC: LA(UNI20)	_ _ _ M