LC Uniboot duplex Patchcord

Description:

The innovative LC design offers a form factor one-half the size of current industry standards, and simple features create a new definition of user-friendliness.

To address the increasing demand for high density applications and smaller fiber cable, the new LC Uniboot ARQ® has been designed. Connector for utilization of dual round fiber cable - streamlining cable management and logistics in standard and high density panels.

ULCDR – duplex LC connector
angled uniboot

Features:

- SFF – small form factory: one-half the size of current industry standards
- High panel density – provides duplex connection in 50% less space
- Available in SM, MM versions
- User-friendly audible latch to indicate proper mating
- Uniboot ARQ® design
  - Adjustable pitch (5.25 / 6.25 mm
  - Reverse polarity
  - Quick release latch

Specifications:

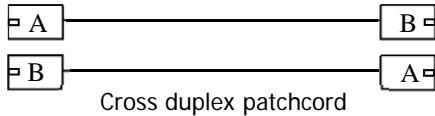| Insertion loss (IL) (IEC 61300-3-4)	MM	SM Ultra PC
	0.15 dB typ	0.15 dB typ
Return loss (RL) (IEC 61300-3-6)	>30 dB	>55 dB
Strain relief	90 N	
Operating temperature	-40°C to +75°C	
Durability	<0.07 dB typical change, min 500 matings	
Assembly procedure	glue and polish	
Connection	physical contact	
Lock mechanism	snap-on	
Standards	IEC 61300-2-6, TIA 568c.3, UL-94 V0, RoHS	
Ferrule material	full ceramic zirconia	
Connector material	thermoplastic	
Adapter material	polymer composite, zirconia sleeve	

Application:

- Telecom
- LAN, WAN
- CATV
- Sensor systems
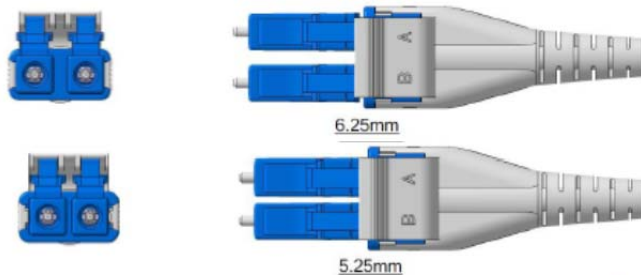- Measuring Technique
- Utilities
- Railways

Ordering code:

AAABB - XX XXX - XX - XXX

AAA - Connector	
Type	**Description**
LC	LC/PC (MM)
ULC	LC/UPC (SM)

XXX - length [m]

XX - type (pigtail or jumper)
JC	Jumper crossed
JS	Jumper straight

BB – Boot design	
DA	duplex uniboot adjustable
DR	duplex uniboot angled

XX - diameter of cable		**XXX - type of fiber**	
duplex cable		**OM1**	MM 62.5/125 µm
D2	dualan cable Ø 2.9 mm	**OM2**	MM 50/125 µm
		OM3	MM 50/125 µm
		S2D	SM 9/125 µm (G.652D)
		S7X[1]	SM 9/125 µm (G.657X)
		S5X[1]	SM 9/125 µm (G.655X)

Colors:

Connector: blue - SM

           beige, aqua - MM

Boot: white

Note: 1) G.657A1 for example

LC duplex - fibers connection:

Cross duplex patchcord

A – Adjustable Pitch
5.25 mm or 6.25 mm

6.25mm

5.25mm

R – Reverse Polarity
without Re-Termination

Remove boot   Connectors and boot turn 180 degrees
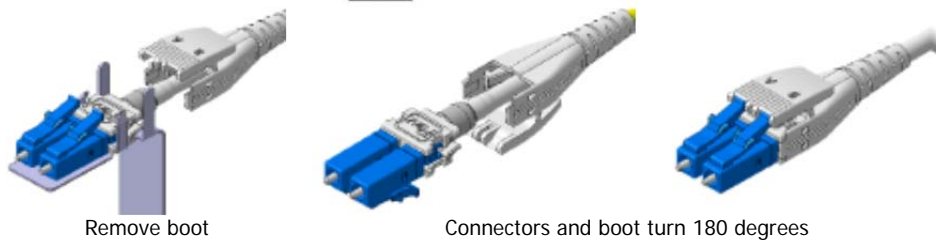
Q – Quick Release Latch
the new, patented latch allows for the quick and easy release of this connector from the adapter panel, addressing the growing trend of high density applications.

Samples:

LCDR duplex LC, angled uniboot   LCDR duplex LC, angled uniboot   LCDA duplex LC, adjustable uniboot