

Connecting people
the right way

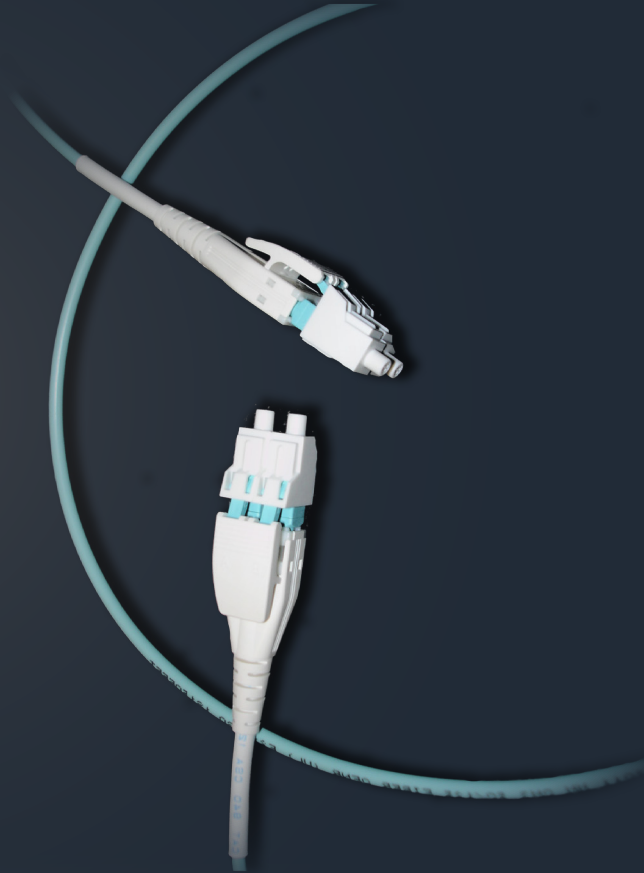


TOTAL CABLE SOLUTIONS


Introducing the **Universal LC™** One Cable. One Solution.

The **Universal LC™** makes you future-proof. Now there's no need to make additional investments due to increased demand for Mini LC.

- The Universal LC™ features **Adjustable Pitch** incorporating the standard LC (6.25 pitch) as well as the mini LC (5.25 pitch) which is in growing demand. The Universal LC™ measures 11.4 mm, making side-by-side mini SPF+transceivers possible.
- The Universal LC™ features **Reversible Polarity** making it compatible in standard LC as well as Mini LC ports.
- The Universal LC™ features a **Rapid Release Latch™**, designed to allow technicians to use a simple "push/pull" method for removing the connector from a crowded panel. Adds, moves and changes are accomplished quickly and efficiently with minimal down time.
- The Universal LC™ features a **High Density 2 mm Jacket**. Typical fiber optical cables are jacketed separately with a width of 6 mm. The Universal LC™ is creatively designed with both simplex fibers into one jacket while still terminating into a duplex LC or SC connector. The High Density jacket measures 2mm in width, a space savings of over 66%!
- The Universal LC™ features **Bend Insensitive Fiber** to prevent fiber breakdown and substantial power loss.



Approvals

Telcorida GR-326-CORE
TIA/EIA-568B-B.3
IEE802.3z
RoHos Compliant 

Applications

Data Center
Telecommunications
Local Area Network
Fiber to the Home
Video Transmission
Fiber Optic Sensing
Test Instruments
CATV

Jackets

Riser (OFNR)
Plenum (OFNP)
LSZH

Jacket Sizes:

2mm
3mm

Features

- Low insertion loss
- Low back reflection
- Customer defined specification
- Every cable tested, report included
- Unique Serial number and part number on each end of cable for easier installation and reorder
- Terminations Types: Universal LC (both LC and Mini LC) option to do SC uniboot
- Polish Types: SM UPC, SM APC, and MM PC

- Fiber Types: BIF- Bend Insensitive Fiber (High Bend Radius)
 - > Plus Corning 62.5/125
 - > Plus Corning 50/125 Clearcurve OM3
 - > Plus Corning 50/125 Clearcurve OM4
 - > Plus Corning SMF-28eXB (G.657.A1)
- Batch testing by Dorc Machine
- Customization: Length, Packaging, Bar coding, labeling, stocking programs, color and style of cable



Performance Specifications			
Fiber Type	SM		MM
Polishing	UPC	APC	PC
Insertion Loss	< 0.3dB	< 0.5dB	< 0.3dB
Return Loss	≥ 50dB	≥ 60dB	≥ 25dB
Durability	> 500 Matings		> 500 Matings
Core Diameter	9/125 μm		50/125 μm or 62.5/125 μm
Operating Temperature	Negative 20 °C to Positive 70 °C		
Storage Temperature	Negative 40 °C to Positive 85 °C		