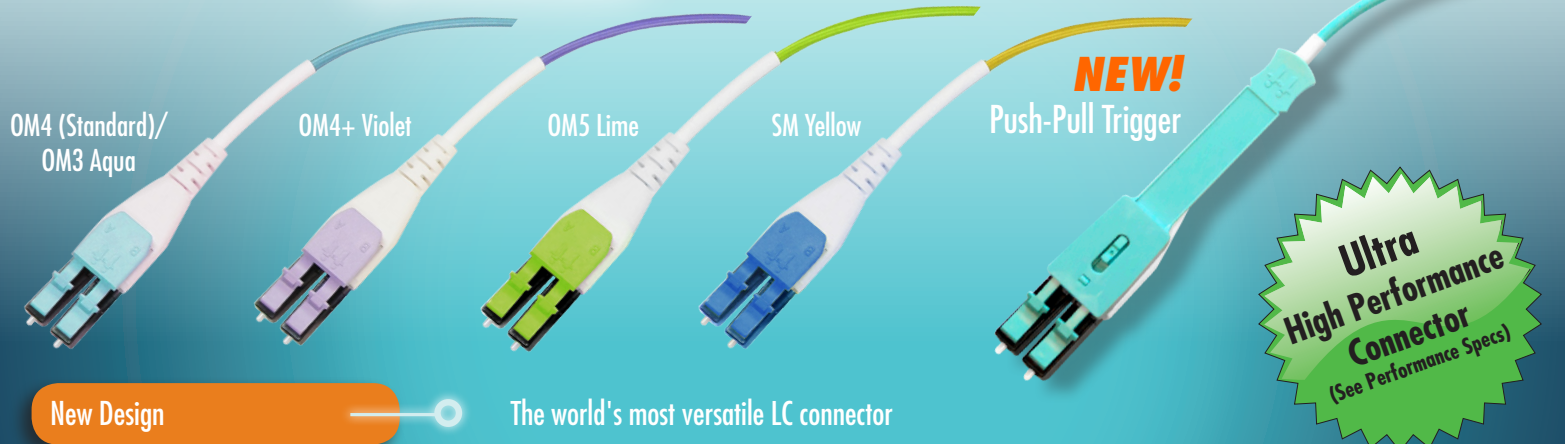


**TOTAL CABLE  
SOLUTIONS**

# ULC elite™

THE NEW UNIVERSAL LC  
by Total Cable Solutions



New Design

The world's most versatile LC connector

Toolless Reversible Polarity

The world's easiest reversible polarity - never exposes fiber making risk of breakage 0%

Color Coding System

Easily identify fiber types, redundant systems, LC from Mini LC

Mini LC-ready

With simple trigger change you can save significant space in your data center

Push-Pull Trigger

For extreme density situations



Universal LC elite™ to SC Uniboot  
Available

**PATENTED**

## ULE-TRIGGER-



## Push-Pull Trigger



### AVAILABLE TRIGGER COLORS

\*Shipped in bags of 100

## TCS' 3-STEP (TOOLLESS) REVERSE POLARITY



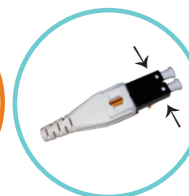
1. Release clip with thumb, push and remove trigger from boot



2. Flip connector 180°

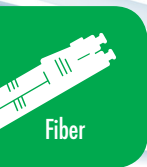


3. Replace trigger



NOTE: Trigger alignment pins **MUST** fit flush into pin holes in black ferrule housing to function properly



MINI LC OPTION REQUIRES MINI TRIGGER. PN is as above + "-M" (Example: ULE-TRIGGER-A-M)  
PUSH PULL OPTION TRIGGER. PN is as above + "-T" (Example: ULE-TRIGGER-A-T)



## Industry Standard

Telcordia GR-326-CORE  
TIA/EIA-568-C.3  
IEEE802.3z  
RoHS Compliant 

## Specifications

- Fiber Types: BIF- Bend Insensitive Fiber (High Bend Radius)
  - > Plus Corning 62.5/125
  - > Corning Clearcurve 50/125 OM3, OM4, OM4+(Violet), OM5 
  - > Corning Clearcurve SMF-28eXB (G.657.A1)/Ultra 

## Mechanical Data

- Diameter, nominal: 2.0mm, 0.157in
- Weight, approx: 7kg/km, 5lbs/1000ft
- Tension, short-term (install) 100N, 22lbs
- Tension, long-term (post-install) 30N, 7lbs
- Bend Radius, install 3.0cm, 1.2in
- Bend Radius, post-install 2.0cm, 0.80in

## Jackets

Riser (OFNR)  
Plenum (OFNP)  
LSZH

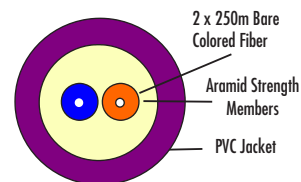
## Jacket Sizes:

2mm

## Features

- Low insertion loss
- Low back reflection
- 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 Elite™ (both LC and Mini LC) option to do SC uniboot
- Polish Types: SM UPC and MM PC
- Batch testing by Dorc Machine
- Customization: Length, packaging, bar coding, labeling, stocking programs, color and style of cable

## 2-FIBER CONSTRUCTION



## PERFORMANCE SPECIFICATIONS

Fiber Type	SM	MM
Polishing	UPC	PC
Insertion Loss, Max.	<0.15dB	<0.15dB
Insertion Loss, Typical	<0.1dB	<0.1dB
Return Loss	≥50dB	≥25dB
Durability	>500 Matings	>500 Matings
Core Diameter	9/125μm	50/125μm or 62.5/125μm
Operating Temperature	Negative 20°C to Positive 70°C	
Storage Temp	Negative 40°C to Positive 85°C	

## ORDERING INFORMATION

U L E   -       2     -        

1

2

3

4

5

6

7

8

9

### 1 CONNECTOR 2 FIBER TYPE 3 FLAME RATING 4 CABLE COLOR 5 JACKET SIZE 6 TRIGGER COLOR

LC to LC = Blank  
LC to SC = S  
LC to LC with  
Push Pull = T  
LC to SC with  
Push Pull = X

OM1 = 1  
OM2 = 2  
OM3 = 3  
OM4 = 4  
OM4+ = P  
OM5 = 5  
SM = S

Riser = R  
Plenum = P (TCS Standard)  
LSZH = L

Red = R  
Aqua = A (Standard OM3/OM4)  
Yellow = Y (Standard SM)  
Violet = V (Standard OM4+)  
Green = N  
Black = K  
Orange = O  
White = W  
Blue = B  
Gray = G  
Lime = L (Standard OM5)

2MM = 2

Red = R  
Aqua = A (Standard OM3/OM4)  
Yellow = Y  
Violet = V (Standard OM4+)  
Green = N  
Black = K  
Orange = O  
White = W  
Blue = B (Standard SM)  
Gray = G  
Lime = L (Standard OM5)

### 7 U.S. MADE 8 LENGTH 9 UNIT OF MEASURE

U.S. = U  
Other = Blank

3-Digit Length  
Examples:  
001, 010, 01.5

Meters = M  
Feet = F