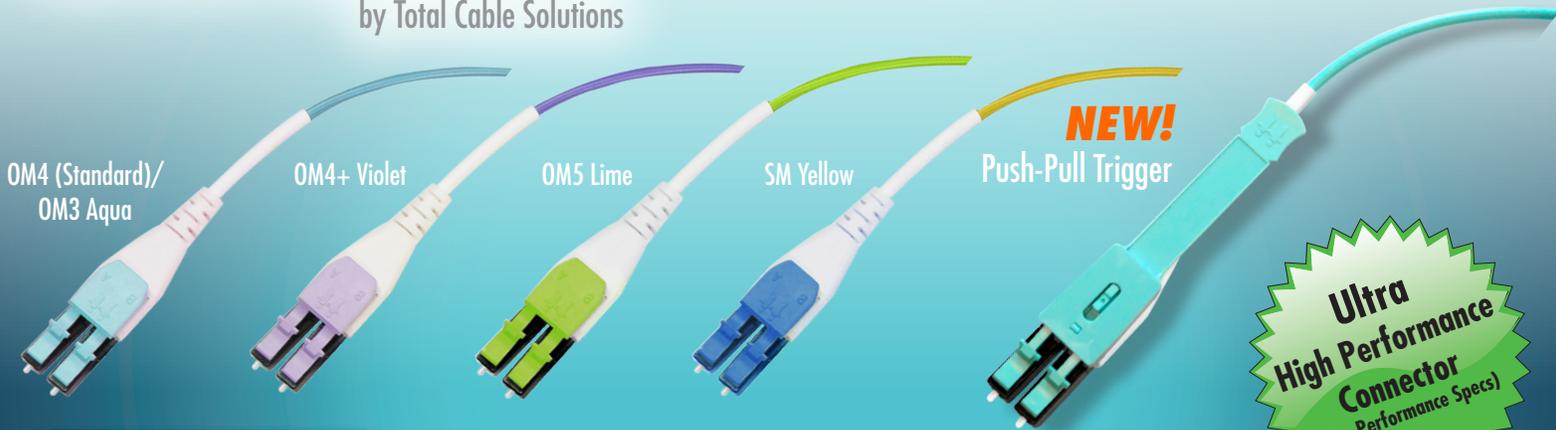




**TOTAL CABLE SOLUTIONS**

# ULC elite™

THE NEW UNIVERSAL LC  
by Total Cable Solutions



**Ultra High Performance Connector**  
(See Performance Specs)

- New Design
- Toolless Reversible Polarity
- Color Coding System
- Mini LC-ready
- Push-Pull Trigger

The world's most versatile LC connector

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

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

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

For extreme density situations



Universal LC elite™ to SC Uniboot Available

**PATENTED**

**ULE-TRIGGER-**

Red-R	Aqua-A	Yellow-Y	Violet (Purple)-V	Green-N
Black-K	Orange-O	White-W	Blue-B	Gray-G

**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

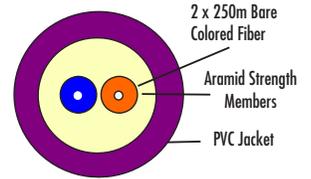
### Jacket Sizes:

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
<b>Insertion Loss, Max.</b>	<b>&lt;0.15dB</b>	<b>&lt;0.15dB</b>
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
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- |  |   |  |   |  |   |
|--|---|--|---|--|---|
| <p><b>1 CONNECTOR</b></p> <p>LC to LC = Blank<br/>LC to SC = S<br/>LC to LC with Push Pull = T<br/>LC to SC with Push Pull = X</p> | <p><b>2 FIBER TYPE</b></p> <p>OM1 = 1<br/>OM2 = 2<br/>OM3 = 3<br/>OM4 = 4<br/>OM4+ = P<br/>OM5 = 5<br/>SM = S</p> | <p><b>3 FLAME RATING</b></p> <p>Riser = R<br/>Plenum = P (TCS Standard)<br/>LSZH = L</p> | <p><b>4 CABLE COLOR</b></p> <p>Red = R<br/>Aqua = A (Standard OM3/OM4)<br/>Yellow = Y (Standard SM)<br/>Violet = V (Standard OM4+)<br/>Green = N<br/>Black = K<br/>Orange = O<br/>White = W<br/>Blue = B<br/>Gray = G<br/>Lime = L (Standard OM5)</p> | <p><b>5 JACKET SIZE</b></p> <p>2MM = 2</p> | <p><b>6 TRIGGER COLOR</b></p> <p>Red = R<br/>Aqua = A (Standard OM3/OM4)<br/>Yellow = Y<br/>Violet = V (Standard OM4+)<br/>Green = N<br/>Black = K<br/>Orange = O<br/>White = W<br/>Blue = B (Standard SM)<br/>Gray = G<br/>Lime = L (Standard OM5)</p> |
| <p><b>7 U.S. MADE</b></p> <p>U.S. = U<br/>Other = Blank</p>  | <p><b>8 LENGTH</b></p> <p>3-Digit Length</p> <p>Examples:<br/>001, 010, 01.5</p>                                  | <p><b>9 UNIT OF MEASURE</b></p> <p>Meters = M<br/>Feet = F</p>                           |   |  |   |