# FTTA Outdoor Jumper



#### Features & Benefits

- Designed for outdoor wireless applications
- LSZH outdoor rated cable jacket containing water-blocking aramid yarn
- Operating temperature -40 °C to 75 °C (-40 °F to 167 °F)
- Single-mode fiber type 9/125
- LC/UPC connections
- Insertion loss </= 0.3dB, Return loss >/=55dB
- Ruggedized dual LC to dual LC
- Dual LC to Dual LC IP-RC (compatible with FullAXS® by TE and Ericsson radio\*)
- Dual LC to Dual LC NSN® (compatible with Nokia Siemens radio\*)
- Pulling sock included on cables 10 ft and longer
- Available in 2, 4, and 6 fiber options
- · Standard lengths from 3 ft to 300 ft
- A end radio side fan out is staggered in increments of 1 ft,
   2 ft and 3 ft
- · B end dual LC fan out is 18 inches for all legs
- · Furcation tubes with strength member
- · Factory tested and performance certified
- Lengths shorter than 100 ft individually bagged / lengths 100 ft and greater reel packaged



### **Overview**

FTTA (Fiber to the Antenna) cables for wireless radio connections or other environmentally-challenging applications. These assemblies are designed to be compliant with Telcordia standards: GR-20, GR-2866, GR-3120, and GR-326 and LC connectors meet TIA 568 and FOCIS 10.

#### **Applications**

- FTTA Fiber to the Antenna, CPRI, eCPRI, 5G (low, mid and high bands), CBRS, and LTE
- Wireless: Small Cell, Remote Radio Unit, Macro, MVNO Network Offload, and Fixed Wireless
- Telecom: MDU, MTU, FTTX with Outdoor Requirements

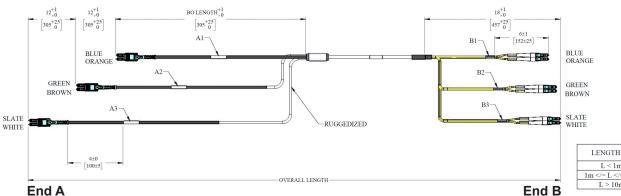
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### **Mechanical Drawings**

#### Ruggedized Dual LC to Dual LC

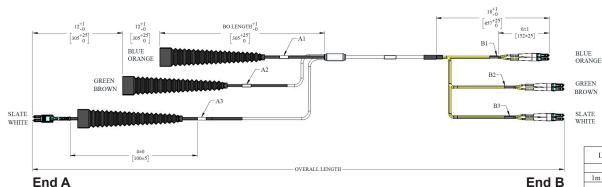
(Same stagger dim for additional fanouts)



## LENGTH (L) LENGTH TOLERANCE L < Im</td> +50mm/-0 1m </= L </= 10m</td> +100mm/-0 L > 10m +19%\*L/-0

#### **Dual LC NSN® to Dual LC**

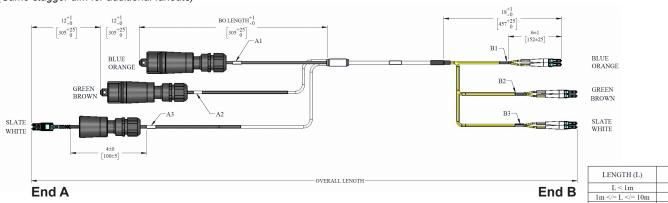
(Same stagger dim for additional fanouts)



| LENGTH (L)                            | LENGTH<br>TOLERANCE |  |  |  |  |
|---------------------------------------|---------------------|--|--|--|--|
| L < 1m                                | +50mm/-0            |  |  |  |  |
| 1m = L </= 10m</td <td>+100mm/-0</td> | +100mm/-0           |  |  |  |  |
| L > 10m                               | +1%*L/-0            |  |  |  |  |

#### **Dual LC IP-RC to Dual LC**

(Same stagger dim for additional fanouts)



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+50mm/-0

+100mm/-0

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### **Ordering Information**

Example: JZS-L412R-L1875F

| Assembly<br>Type | Cable<br>Jacket | Fiber<br>Mode |   | End A<br>Connector | Fiber<br>Count | End A Breakout<br>Stagger | End A<br>Boot |   | End B<br>Connector | End B<br>Breakout        | Length | Length<br>Units |
|------------------|-----------------|---------------|---|--------------------|----------------|---------------------------|---------------|---|--------------------|--------------------------|--------|-----------------|
| J - Jumper       | Z - LSZH        | S - Single    | - | L - Dual LC        | 2              | 12 - 12 inch increments   | O - None      | - | L - Dual LC        | 18 - all<br>legs 18 inch | 003    | F - feet        |
|                  |                 |               |   |                    | 4              |                           | R - IP RC     |   |                    |                          | 005    |                 |
|                  |                 |               |   |                    | 6              |                           | N - NSN       |   |                    |                          | 010    |                 |
|                  |                 |               |   |                    |                |                           |               |   |                    |                          | 015    |                 |
|                  |                 |               |   |                    |                |                           |               |   |                    |                          | 020    |                 |
|                  |                 |               |   |                    |                |                           |               |   |                    |                          | 040    |                 |
|                  |                 |               |   |                    |                |                           |               |   |                    |                          | 050    |                 |
|                  |                 |               |   |                    |                |                           |               |   |                    |                          | 075    |                 |
|                  |                 |               |   |                    |                |                           |               |   |                    |                          | 100    |                 |
|                  |                 |               |   |                    |                |                           |               |   |                    |                          | 125    |                 |
|                  |                 |               |   |                    |                |                           |               |   |                    |                          | 150    |                 |
|                  |                 |               |   |                    |                |                           |               |   |                    |                          | 175    |                 |
|                  |                 |               |   |                    |                |                           |               |   |                    |                          | 200    |                 |
|                  |                 |               |   |                    |                |                           |               |   |                    |                          | 225    |                 |
|                  |                 |               |   |                    |                |                           |               |   |                    |                          | 250    |                 |
|                  |                 |               |   |                    |                |                           |               |   |                    |                          | 275    |                 |
|                  |                 |               |   |                    |                |                           |               |   |                    |                          | 300    |                 |