

**HA-FOJMP-BL-SM-XX**

HYBRIFLEX® Fiber Jumper, Single-Mode



**RFS' HYBRIFLEX™** cabling solution for Remote Radio Head (RRU) combines optical fiber and DC power for RRUs in a single lightweight aluminum corrugated cable, making it the world's most innovative solution for RRH deployments. It was developed to reduce installation complexity and cost at Cellular sites.

**HYBRIFLEX™** cabling solutions allows mobile operators deploying RRH architecture to standardize RRH installation process and eliminates the need for and the cost of cable grounding.

The FTTA Jumper is part of the cabling solution for RRU's meant to build the F/O connection from the Adapter to the RRU. The Jumper cables can be ordered in different length.

## Features / Benefits

- **Outdoor polyethylene jacket** ð Ensure long-lasting cable protection
- **High class F/O performance**

## Technical Features

### STRUCTURE

|            |              |
|------------|--------------|
| Cable Type | Fiber Jumper |
|------------|--------------|

### MECHANICAL SPECIFICATIONS

|                               |              |
|-------------------------------|--------------|
| Outer Diameter Nominal        | 5mm (0.18in) |
| Minimum Single Bending Radius | 70mm (3in)   |
| Minimum Multi Bending Radius  | 125mm (5in)  |

### OPTICAL SPECIFICATIONS

|                         |                                        |
|-------------------------|----------------------------------------|
| F/O Cable Type          | Single Mode                            |
| Number of F/O Pairs     | 1                                      |
| Core/Clad               | 9 /125                                 |
| Optical Loss            | 1 dB/km @ 1310 nm<br>1 dB/km @ 1550 nm |
| Fiber Termination End 1 | LC Connector with NSN Grommet          |
| Fiber Termination End 2 | LC Connector                           |

### ENVIRONMENTAL

|                          |                                |
|--------------------------|--------------------------------|
| Storage Temperature      | -40°C to 70°C (-40°F to 158°F) |
| Operation Temperature    | -40°C to 65°C (-40°F to 149°F) |
| Installation Temperature | -20°C to 65°C (-4°F to 149°F)  |



**HA-FOJMP-BL-SM-XX**  
HYBRIFLEX® Fiber Jumper, Single-Mode

VARIATION INFORMATION

|              |                   |                   |                   |
|--------------|-------------------|-------------------|-------------------|
| Model Number | HA-FOJMP-BL-SM-01 | HA-FOJMP-BL-SM-03 | HA-FOJMP-BL-SM-05 |
| Length       | 1m (3.281ft)      | 3m (9.843ft)      | 5m (16.404ft)     |

|              |                   |                   |                   |
|--------------|-------------------|-------------------|-------------------|
| Model Number | HA-FOJMP-BL-SM-10 | HA-FOJMP-BL-SM-15 | HA-FOJMP-BL-SM-20 |
| Length       | 10m (32.808ft)    | 15m (49.213ft)    | 20m (65.617ft)    |

Top Side of the Jumper