PRODUCT DATASHEET

# HA-FOJMP-VL-SM-XX

HYBRIFLEX® Fiber Jumper, Single-Mode Fiber Jumper

**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 1m, 2m, 3m, 4m, and 5m jacketed length.



## FEATURES / BENEFITS

- **Outdoor polyethylene jacket ð** Ensure long-lasting cable protection
- **High class F/O performance**
- **IP 67 connector sealing**

## Technical features

### STRUCTURE

| | | |
|---|---|---|
| **Cable Type** | | Fiber Jumper |
| **Size** | | 5 mm |

### MECHANICAL SPECIFICATIONS

| | | |
|---|---|---|
| **Minimum Bending Radius, (Operating)** | mm (in) | 70 (3) |
| **Minimum Bending Radius, (Installation)** | mm (in) | 125 (5) |

### CABLE JACKET

| | | |
|---|---|---|
| **UV-Protection Individual and External Jacket** | | Yes |
| **Outer Diameter Nominal** | mm (in) | 5 (0.18) |

### F/O CABLE SPECIFICATIONS

| | | |
|---|---|---|
| **F/O Cable Type** | | Tight Buffer, Single Mode |
| **Number of F/O Pairs** | | 1 |
| **Core/Clad** | µm | 9 /125 |
| **Optical Loss** | dB/Km | 1 @ 1310 nm<br>1 @ 1550 nm |
| **Fiber Termination End 1** | | ODVA Connector |
| **Fiber Termination End 2** | | LC Connector |

### TESTING AND ENVIRONMENTAL

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



All values nominal unless tolerances provided; information contained in the present datasheet is subject to confirmation at time of ordering

## ADDITIONAL ASSEMBLIES

| Length | Model Name |
|---|---|
| 1 m | HA-FOJMP-VL-SM-01 |
| 2 m | HA-FOJMP-VL-SM-02 |
| 3 m | HA-FOJMP-VL-SM-03 |
| 4 m | HA-FOJMP-VL-SM-04 |
| 5 m | HA-FOJMP-VL-SM-05 |
| 6 m | HA-FOJMP-VL-SM-06 |
| 7 m | HA-FOJMP-VL-SM-07 |
| 8 m | HA-FOJMP-VL-SM-08 |
| 9 m | HA-FOJMP-VL-SM-09 |
| 10 m | HA-FOJMP-VL-SM-10 |
| 11 m | HA-FOJMP-VL-SM-11 |
| 12 m | HA-FOJMP-VL-SM-12 |
| 13 m | HA-FOJMP-VL-SM-13 |
| 14 m | HA-FOJMP-VL-SM-14 |
| 15 m | HA-FOJMP-VL-SM-15 |
| 16 m | HA-FOJMP-VL-SM-16 |
| 17 m | HA-FOJMP-VL-SM-17 |
| 18 m | HA-FOJMP-VL-SM-18 |
| 19 m | HA-FOJMP-VL-SM-19 |
| 20 m | HA-FOJMP-VL-SM-20 |





External Document Links

Notes



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