PRODUCT DATASHEET

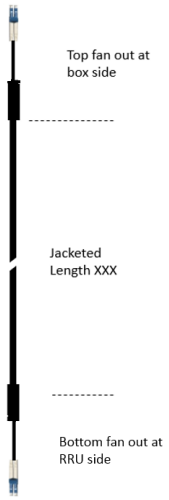
# HA-FOTA-LL-01SM-XXX

HYBRIFLEX® Fiber Trunk Cable, 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.

The **HYBRIFLEX**™ hybrid cable family is now supplemented by two new members: The Fiber Optic trunk cable and the DC trunk cable available in a large variety of fiber counts, DC counts and DC cross sections.

The armored F/O trunk cable is part of the cabling solution for RRU's meant to build the F/O connection from the bottom patch panel to the Distribution Box near the RRU. It consists of a jacketed part of length XX, a breakout part to the Distribution Box and a breakout part to the BBU side. The F/O trunk cables can be ordered from 5m up to 150m in increments of 5 m jacketed length.




## FEATURES / BENEFITS

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

## Technical features

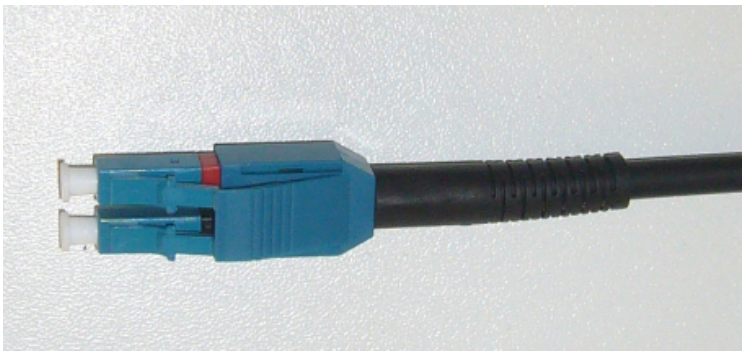
| | | |
|---|---|---|
| **STRUCTURE** | | |
| **Cable Type** | | Fiber Jumper |
| **MECHANICAL SPECIFICATIONS** | | |
| **Minimum Bending Radius, (Operating)** | mm (in) | 70 (3) |
| **Minimum Bending Radius, (Installation)** | mm (in) | 125 (5) |
| **Recommended / Maximum Clamp Spacing** | m (ft) | 0.3 / 0.5 (1 / 1.64) |
| **CABLE JACKET** | | |
| **UV-Protection Individual and External Jacket** | | Yes |
| **Outer Diameter Nominal** | mm (in) | 7 (0.29) |
| **ARMOR SPECIFICATIONS** | | |
| **Armor Type** | | stainless steel tube |
| **F/O CABLE SPECIFICATIONS** | | |
| **F/O Cable Type** | | Tight Buffer, Single Mode |
| **Number of F/O Pairs** | | 1 |
| **Core/Clad** | µm | 9 /250 |
| **Fiber Termination End 1** | | LC Connector |
| **Fiber Termination End 2** | | LC Connector |



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

## 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 ) |





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| Length | Model Name |
|---|---|
| 5 m | HA-FOTA-LL-01SM-005 |
| 10 m | HA-FOTA-LL-01SM-010 |
| 15 m | HA-FOTA-LL-01SM-015 |
| 20 m | HA-FOTA-LL-01SM-020 |
| 25 m | HA-FOTA-LL-01SM-025 |
| 30 m | HA-FOTA-LL-01SM-030 |
| 35 m | HA-FOTA-LL-01SM-035 |
| 40 m | HA-FOTA-LL-01SM-040 |
| 45 m | HA-FOTA-LL-01SM-045 |
| 50 m | HA-FOTA-LL-01SM-050 |
| 55 m | HA-FOTA-LL-01SM-055 |
| 60 m | HA-FOTA-LL-01SM-060 |
| 65 m | HA-FOTA-LL-01SM-065 |
| 70 m | HA-FOTA-LL-01SM-070 |
| 75 m | HA-FOTA-LL-01SM-075 |
| 80 m | HA-FOTA-LL-01SM-080 |
| 85 m | HA-FOTA-LL-01SM-085 |
| 90 m | HA-FOTA-LL-01SM-090 |
| 95 m | HA-FOTA-LL-01SM-095 |
| 100 m | HA-FOTA-LL-01SM-100 |
| 105 m | HA-FOTA-LL-01SM-105 |
| 110 m | HA-FOTA-LL-01SM-110 |
| 115 m | HA-FOTA-LL-01SM-115 |
| 120 m | HA-FOTA-LL-01SM-120 |
| 125 m | HA-FOTA-LL-01SM-125 |
| 130 m | HA-FOTA-LL-01SM-130 |
| 135 m | HA-FOTA-LL-01SM-135 |
| 140 m | HA-FOTA-LL-01SM-140 |
| 145 m | HA-FOTA-LL-01SM-145 |
| 150 m | HA-FOTA-LL-01SM-150 |

Other Length on request



External Document Links

Notes



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