

**HA-FOTA-LL-02SM-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** δ Ensure long-lasting cable protection
- **High class F/O performance**
- **IP 67 connector sealing**

Technical Features

STRUCTURE

Cable Type	Fiber Jumper
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MECHANICAL SPECIFICATIONS

Outer Diameter Nominal	7mm (0.29in)
Minimum Single Bending Radius	70mm (3in)
Minimum Multi Bending Radius	125mm (5in)
Recommended / Maximum Clamp Spacing	0.3 / 0.5 (1 / 1.64)

ARMOR SPECIFICATIONS

Armor Type	stainless steel tube
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OPTICAL SPECIFICATIONS

F/O Cable Type	Tight Buffer, Single Mode
Number of F/O Pairs	2
Core/Clad	9 /250
Fiber Termination End 1	LC Connector
Fiber Termination End 2	LC Connector



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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)