



HA-FOTF-LL-06SM-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 10 m up to 200 m in increments of 10 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
Jacket Material	Flame retardant, LSZH

MECHANICAL SPECIFICATIONS

Outer Diameter Nominal	7mm (0.276in)
Minimum Single Bending Radius	70mm (3in)
Minimum Multi Bending Radius	125mm (5in)

OPTICAL SPECIFICATIONS

F/O Cable Type	Tight Buffer, Single Mode
Number of F/O Pairs	6
Core/Clad	9 /125
Optical Loss	1 dB/km @ 1310 nm 1 dB/km @ 1550 nm
Fiber Termination End 1	6 x LC Connector
Fiber Termination End 2	6 x 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)

Patch Panel Side

Patch Panel Side