



**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**

<b>Cable Type</b>		Fiber Jumper
-------------------	--	--------------

**MECHANICAL SPECIFICATIONS**

<b>Minimum Bending Radius, (Operating)</b>	mm (in)	70 (3)
<b>Minimum Bending Radius, (Installation)</b>	mm (in)	125 (5)
<b>Recommended / Maximum Clamp Spacing</b>	m (ft)	0.3 / 0.5 (1 / 1.64)

**CABLE JACKET**

<b>UV-Protection Individual and External Jacket</b>		Yes
<b>Outer Diameter Nominal</b>	mm (in)	7 (0.29)

**ARMOR SPECIFICATIONS**

<b>Armor Type</b>		stainless steel tube
-------------------	--	----------------------

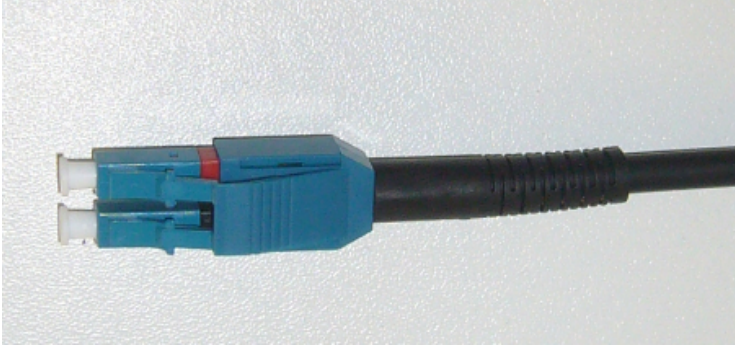
**F/O CABLE SPECIFICATIONS**

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



**TESTING AND ENVIRONMENTAL**

<b>Storage Temperature</b>	°C (°F)	-40 to 70 (-40 to 158 )
<b>Operation Temperature</b>	°C (°F)	-40 to 65 (-40 to 149 )
<b>Installation Temperature</b>	°C (°F)	-20 to 65 (-4 to 149 )





HA-FOTA-LL-01SM-XXX

HYBRIFLEX® Fiber Trunk Cable, Single-Mode Fiber Jumper

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