PRODUCT DATASHEET

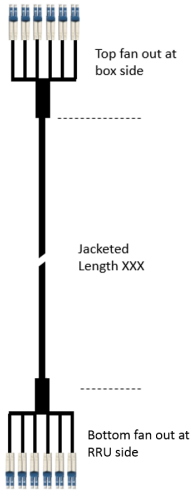
HA-FOTA-LL-06SM-XXX

HYBRIFLEX® Fiber Trunk Cable, Single-Mode

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 Trunk
Size		7 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)	7 (0.29)

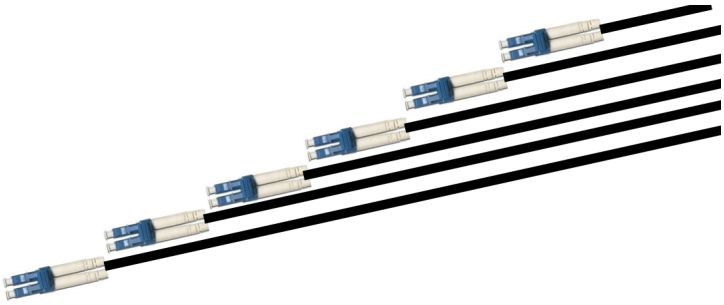
F/O CABLE SPECIFICATIONS

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

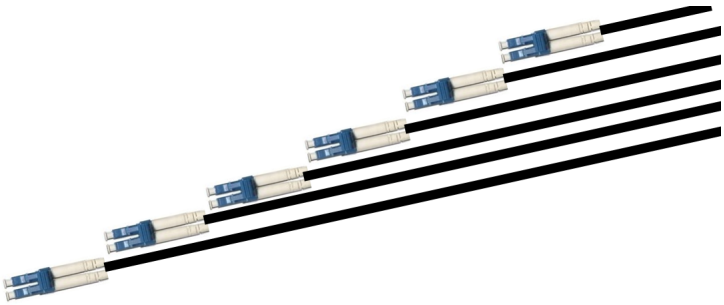


RRU Side

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Length	Model Name
5m	HA-FOTA-LL-06SM-005
10m	HA-FOTA-LL-06SM-010
15m	HA-FOTA-LL-06SM-015
20m	HA-FOTA-LL-06SM-020
25m	HA-FOTA-LL-06SM-025
30m	HA-FOTA-LL-06SM-030
35m	HA-FOTA-LL-06SM-035
40m	HA-FOTA-LL-06SM-040
45m	HA-FOTA-LL-06SM-045
50m	HA-FOTA-LL-06SM-050
55m	HA-FOTA-LL-06SM-055
60m	HA-FOTA-LL-06SM-060
65m	HA-FOTA-LL-06SM-065
70m	HA-FOTA-LL-06SM-070
75m	HA-FOTA-LL-06SM-075
80m	HA-FOTA-LL-06SM-080
85m	HA-FOTA-LL-06SM-085
90m	HA-FOTA-LL-06SM-090
95m	HA-FOTA-LL-06SM-095
100m	HA-FOTA-LL-06SM-100
105m	HA-FOTA-LL-06SM-105
110m	HA-FOTA-LL-06SM-110
115m	HA-FOTA-LL-06SM-115
120m	HA-FOTA-LL-06SM-120
125m	HA-FOTA-LL-06SM-125
130m	HA-FOTA-LL-06SM-130
135m	HA-FOTA-LL-06SM-135
140m	HA-FOTA-LL-06SM-140
145m	HA-FOTA-LL-06SM-145
150m	HA-FOTA-LL-06SM-150

Other length on request



BBU Side

External Document Links

Notes

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