

**HA-FOTF-LL-08SM-XXX-04**

HYBRIFLEX® Fiber Trunk Cable, Single-Mode Fiber Trunk

ha-fotd-ll-08sm-xx-04
picture 1.jpg

RFS' HYBRIFLEX™ cabling solution for Remote Radio Head (RRH) combines optical fiber and DC power for RRHs 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 RRH's meant to build the F/O connection from the bottom patch panel to the Distribution Box near the RRH. It consists of a jacketed part of length XXX, a breakout part to the Distribution Box and a breakout part to the BBU side. The trunk cables can be ordered in a various lengths.

Features / Benefits

- **Outdoor polyethylene jacket** Ensure long-lasting cable protection
- **High class F/O performance**

Technical Features**STRUCTURE**

Cable Type	Fiber trunk
Jacket Material	CPR Class Dca s2 d1 a1

MECHANICAL SPECIFICATIONS

Outer Diameter Nominal	10.3mm (0.406in)
Cable Weight	0.083kg/m (0.056lb/ft)
Minimum Single Bending Radius	103mm (4.055in)
Minimum Multi Bending Radius	206mm (8.11in)
Tensile Strength (Operating)	300 N
Tensile Strength (Installation)	1000 N
Crush Resistance (Operating)	500 N / 100 mm
Crush Resistance (Installation)	1500 N / 100 mm

OPTICAL SPECIFICATIONS

F/O Cable Type	Tight Buffer, Single Mode G657 A2
Number of F/O Pairs	8
Core/Clad	9 / 125
Optical Loss	0.4 dB/km @ 1310 nm 0.3 dB/km @ 1550 nm
Fiber Termination End 1	8 x LC Uniboot connectors
Fiber Termination End 2	8 x LC Uniboot connectors
Connector Insertion Loss	0,2 dB



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ENVIRONMENTAL

Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Operation Temperature	-20°C to 70°C (-4°F to 158°F)
Installation Temperature	-20°C to 70°C (-4°F to 158°F)

VARIATION INFORMATION

Model Number	HA-FOTF-LL-08SM-010-04	HA-FOTF-LL-08SM-020-04	HA-FOTF-LL-08SM-030-04	HA-FOTF-LL-08SM-040-04
Length	10m (32.808ft)	20m (65.617ft)	30m (98.425ft)	40m (131.234ft)

Model Number	HA-FOTF-LL-08SM-050-04	HA-FOTF-LL-08SM-060-04	HA-FOTF-LL-08SM-070-04	HA-FOTF-LL-08SM-080-04
Length	50m (164.042ft)	60m (196.85ft)	70m (229.659ft)	80m (262.467ft)

Model Number	HA-FOTF-LL-08SM-090-04	HA-FOTF-LL-08SM-100-04	HA-FOTF-LL-08SM-110-04	HA-FOTF-LL-08SM-120-04
Length	90m (295.276ft)	100m (328.084ft)	110m (360.892ft)	120m (393.701ft)

RECOMMENDED TOOLS

Earthing Kit	Hoisting Grip	Clamps
		Clamps: 2P-DW0-11mm