



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.



HYBRIFLEX™ cabling solutions allows mobile operators deploying RRH architecture to standardize RRH installation process and eliminates the need for and the cost of cable grounding. The FTTA Jumper is part of the cabling solution for RRH's meant to build the F/O connection from the Adapter to the RRH. The jumper cables can be ordered in a various lengths.

FEATURES / BENEFITS

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

Technical features

STRUCTURE

Cable Type		Fiber Jumper
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MECHANICAL SPECIFICATIONS

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

CABLE JACKET

Jacket Material		LSZH CPR class F
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F/O CABLE SPECIFICATIONS

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

TESTING AND ENVIRONMENTAL

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



ADDITIONAL ASSEMBLIES

Length	Model Name
3 m	HA-FOJMF-LL-1S-03-04
5 m	HA-FOJMF-LL-1S-05-04
7 m	HA-FOJMF-LL-1S-07-04
10 m	HA-FOJMF-LL-1S-10-04
15 m	HA-FOJMF-LL-1S-15-04
Other length are available on request	

RECOMMENDED TOOLS

	Clamps: 2P-DW0-11mm
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External Document Links

Notes