

**HA-FOJMF-LL-1M-XX-04**

HYBRIFLEX® Multi-Mode fibre only jumper : to connect BoB to Baseband equipment



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 RRU. The jumper cables can be ordered in a various lengths.

Feature / Benefits

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

Technical features**STRUCTURE**

Cable Type	Fiber Jumper
------------	--------------

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

CABLE JACKET

Jacket Material	LSZH CPR Class Dca s2 d1 a1
-----------------	-----------------------------

F/O CABLE SPECIFICATIONS

F/O Cable Type	Tight Buffer, Multi Mode OM4
Number of F/O Pairs	8
Core/Clad	50 /125
Loss (db)	Wavelength (nm)
3.5	850
1.5	1300
Fiber Termination End 1	8 x LC Uniboot connectors
Fiber Termination End 2	8 x LC Uniboot connectors
Connector Insertion Loss	0,2 dB



HA-FOJMF-LL-1M-XX-04

HYBRIFLEX® Multi-Mode fibre only jumper : to connect BoB to Baseband equipment

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)

ADDITIONAL ASSEMBLIES

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

RECOMMENDED TOOLS

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