

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.

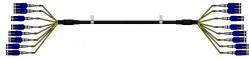
The armored F/O trunk cable is part of the cabling solution for RRH's meant to build the F/O connection from the bottom patch panel to the Distribution Box near the RRH. It consists of a jacketed part of length XXX, a breakout part to the Distribution Box and a breakout part to the BBU side. **The trunk cables can be ordered in a various lengths**.

FEATURES / BENEFITS

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

Technical features

STRUCTURE		
Cable Type		Fiber trunk
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		
UV-Protection Individual and External Jacket		External Jacket: to IEC 60754-1/-2, Inner Jacket, DC conductors + Fibre cables EN 50289 17:2015
Jacket Material		CPR Class F
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 connectors
Fiber Termination End 2		8 x LC Uniboot connectors
Connector Insertion Loss		0,2 dB
A-FOTF-LL-08SM-XXX-04		REV : A REV DATE : N/A www.rfsworld





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			
20 m	HA-FOTF-LL-08SM-020-04			
25 m	HA-FOTF-LL-08SM-025-04			
30 m	HA-FOTF-LL-08SM-030-04			
35 m	HA-FOTF-LL-08SM-035-04			
40 m	HA-FOTF-LL-08SM-040-04			
45 m	HA-FOTF-LL-08SM-045-04			
50 m	HA-FOTF-LL-08SM-050-04			
55 m	HA-FOTF-LL-08SM-055-04			
60 m	HA-FOTF-LL-08SM-060-04			
	Other length are available on request			
RECOMMENDED TOOLS				

External Document Links

Notes

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

REV : A

REV DATE : N/A

Clamps: 2P-DW0-11mm