



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** δ Ensure long-lasting cable protection
- **High class F/O performance**
- **IP 67 connector sealing**



**Technical features**

**STRUCTURE**

Cable Type		Fiber Trunk
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**MECHANICAL SPECIFICATIONS**

Outer Diameter Nominal	mm (in)	7 (0.29)
Minimum Bending Radius, (Operating)	mm (in)	75 (3)
Minimum Bending Radius, (Installation)	mm (in)	125 (5)
Tensile Strength	N (lb)	400 (90)

**DC POWER CABLE SPECIFICATIONS**

DC Wire Jacket Material		UV stable black PE
DC Standards (Meets or Exceeds)		ITU-T G.657.A

**CABLE JACKET**

UV-Protection Individual and External Jacket		Yes
Jacket Material		UV stable black PE

**ARMOR SPECIFICATIONS**

Armor Type		Stainless Steel Tube
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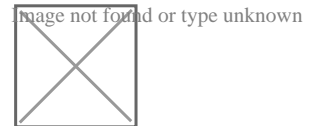


**F/O CABLE SPECIFICATIONS**

F/O Cable Type		Low Bend Single Mode
Number of F/O Pairs		6
Core/Clad	μm	9 /250
F/O Standards (Meets or Exceeds)		ITU-T G.657.A
Optical Loss	dB/Km	1 @ 1310 nm 1 @ 1550 nm
Fiber Termination End 1		IP MPO
Fiber Termination End 2		MPO

**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 )



Length	Model Name
30	HA-FOTA-WM-06SM-030
40	HA-FOTA-WM-06SM-040
50	HA-FOTA-WM-06SM-050
60	HA-FOTA-WM-06SM-060
70	HA-FOTA-WM-06SM-070
80	HA-FOTA-WM-06SM-080
90	HA-FOTA-WM-06SM-090
100	HA-FOTA-WM-06SM-100

Other Length on Request

External Document Links

Notes