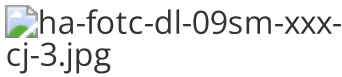




HA-FOTC-DL-09SM-XXX-SJ
HYBRIFLEX® Fiber Trunk Cable, Single-Mode with Top Distributor - PRELIMINARY



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 XXX, a breakout part with a Distribution Box and a breakout part to the BBU side. The F/O trunk cables can be ordered from 10m up to 100m in increments of 10 m jacketed length.

Features / Benefits

- **Halogen-free and flame-retardant cable jacket material (CPR)**
- **High class F/O performance**
- **IP 67 Connector sealing**
- **IP 67 Assembly sealing**

Technical Features

STRUCTURE

Cable Type	CPR Fiber Trunk
Jacket Material	Halogen-free and flame-retardant material (CPR)

MECHANICAL SPECIFICATIONS

Cable Weight	0.037kg/m (0.025lb/ft)
Minimum Single Bending Radius	70mm (2.756in)
Minimum Multi Bending Radius	140mm (5.512in)

ARMOR SPECIFICATIONS

Armor Type	Basic Rodent Protection by Jacket
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OPTICAL SPECIFICATIONS

F/O Cable Type	Single Mode G.657A2
Number of F/O Pairs	9
Core/Clad	9 /125
Optical Loss	0.5 dB/km @ 1310 nm 0.5 dB/km @ 1550 nm
Fiber Termination End 1	Compact Distributor for 9 Jumpers with ODVA connector
Fiber Termination End 2	9 x DLC Connectors

ENVIRONMENTAL

Storage Temperature	-25°C to 70°C (-13°F to 158°F)
Operation Temperature	-20°C to 60°C (-4°F to 140°F)
Installation Temperature	-5°C to 50°C (23°F to 122°F)

VARIATION INFORMATION

Model Number	HA-FOTC-DL-09SM-010-SJ	HA-FOTC-DL-09SM-050-SJ	HA-FOTC-DL-09SM-070-SJ	HA-FOTC-DL-09SM-030-SJ	HA-FOTC-DL-09SM-0100-SJ
Length	10m (32.808ft)	50m (164.042ft)	70m (229.659ft)	30m (98.425ft)	100m (328.084ft)

TESTING

Fire Performance	Cca s1b d1 a1 (for the cable only)
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