

**FONJ-AL01S-XXXM**

HYBRIFLEX® Fiber Trunk Cable, Single-Mode Fiber Jumper



RFS 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 **RFS** 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 XX, a breakout part to the Distribution Box and a breakout part to the BBU side. The F/O trunk cables can be ordered in different length.

Features / Benefits

- **High class F/O performance**
- **IP 67 connector sealing**
- **Compitable with Ericsson RRU.**

Technical Features

STRUCTURE

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

MECHANICAL SPECIFICATIONS

Outer Diameter Nominal	4.8mm (0.189in)
Cable Weight	24.5kg/m (16.463lb/ft)
Minimum Single Bending Radius	20mm (0.787in)

OPTICAL SPECIFICATIONS

F/O Cable Type	Tight Buffer, Single Mode
Core/Clad	9 /125
Fiber Termination End 1	LC Duplex with FULLAXS Field installable
Fiber Termination End 2	LC Duplex

ENVIRONMENTAL

Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Operation Temperature	-40°C to 75°C (-40°F to 167°F)
Installation Temperature	-20°C to 60°C (-4°F to 140°F)



FONJ-AL01S-XXXM

HYBRIFLEX® Fiber Trunk Cable, Single-Mode Fiber Jumper

VARIATION INFORMATION

Model Number	FONJ-AL01S-030M	FONJ-AL01S-050M	FONJ-AL01S-070M	FONJ-AL01S-100M	FONJ-AL01S-125M
Length	30m (98.425ft)	50m (164.042ft)	70m (229.659ft)	100m (328.084ft)	125m (410.105ft)