

**HA-FOTF-VL-XXSM-XXX-01**

HYBRIFLEX® Fiber Trunk Cable, Single-Mode



RFS HYBRIFLEX™ cabling solution for Remote Radio Head (RRU) combines optical fiber and DC power for RRUs in a single cable, making it the world's most innovative solution for RRH deployments. It was developed to reduce installation complexity and cost at Cellular sites and is available with and without armor.

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 10 m up to 200 m in increments of 10 m jacketed length.

Feature / Benefits

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

Technical features**STRUCTURE**

Cable Type	Fiber Trunk
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MECHANICAL SPECIFICATIONS

Outer Diameter Nominal	7mm (0.276in)
Minimum Single Bending Radius	70mm (3in)
Minimum Multi Bending Radius	125mm (5in)

CABLE JACKET

Jacket Material	Flame retardant, LSZH
UV-Protection Individual and External Jacket	Yes

F/O CABLE SPECIFICATIONS

F/O Cable Type	Tight Buffer, Single Mode
Core/Clad	9 /125
Loss (db)	Wavelength (nm)
1	1310
1	1550
Fiber Termination End 1	ODVA Connector incl. ODVA inline adapter pre-installed (see picture below)
Fiber Termination End 2	LC Duplex



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ENVIRONMENTAL

Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Operation Temperature	-40°C to 65°C (-40°F to 149°F)
Installation Temperature	-20°C to 65°C (-4°F to 149°F)

ADDITIONAL ASSEMBLIES

Length	Model Name 1	Model Name 2	Model Name 3	Model Name 4
Length	3 pairs Fiber	6 pairs Fiber	12 pairs Fiber	24 pairs Fiber
10 m	HA-FOTF-VL-03SM-010-01	HA-FOTF-VL-06SM-010-01	HA-FOTF-VL-12SM-010-01	HA-FOTF-VL-24SM-010-01
20 m	HA-FOTF-VL-03SM-020-01	HA-FOTF-VL-06SM-020-01	HA-FOTF-VL-12SM-020-01	HA-FOTF-VL-24SM-020-01
30 m	HA-FOTF-VL-03SM-030-01	HA-FOTF-VL-06SM-030-01	HA-FOTF-VL-12SM-030-01	HA-FOTF-VL-24SM-030-01
40 m	HA-FOTF-VL-03SM-040-01	HA-FOTF-VL-06SM-040-01	HA-FOTF-VL-12SM-040-01	HA-FOTF-VL-24SM-040-01
50 m	HA-FOTF-VL-03SM-050-01	HA-FOTF-VL-06SM-050-01	HA-FOTF-VL-12SM-050-01	HA-FOTF-VL-24SM-050-01
60 m	HA-FOTF-VL-03SM-060-01	HA-FOTF-VL-06SM-060-01	HA-FOTF-VL-12SM-060-01	HA-FOTF-VL-24SM-060-01
70 m	HA-FOTF-VL-03SM-070-01	HA-FOTF-VL-06SM-070-01	HA-FOTF-VL-12SM-070-01	HA-FOTF-VL-24SM-070-01
80 m	HA-FOTF-VL-03SM-080-01	HA-FOTF-VL-06SM-080-01	HA-FOTF-VL-12SM-080-01	HA-FOTF-VL-24SM-080-01
90 m	HA-FOTF-VL-03SM-090-01	HA-FOTF-VL-06SM-090-01	HA-FOTF-VL-12SM-090-01	HA-FOTF-VL-24SM-090-01
100 m	HA-FOTF-VL-03SM-100-01	HA-FOTF-VL-06SM-100-01	HA-FOTF-VL-12SM-100-01	HA-FOTF-VL-24SM-100-01
110 m	HA-FOTF-VL-03SM-110-01	HA-FOTF-VL-06SM-110-01	HA-FOTF-VL-12SM-110-01	HA-FOTF-VL-24SM-110-01
120 m	HA-FOTF-VL-03SM-120-01	HA-FOTF-VL-06SM-120-01	HA-FOTF-VL-12SM-120-01	HA-FOTF-VL-24SM-120-01
130 m	HA-FOTF-VL-03SM-130-01	HA-FOTF-VL-06SM-130-01	HA-FOTF-VL-12SM-130-01	HA-FOTF-VL-24SM-130-01
140 m	HA-FOTF-VL-03SM-140-01	HA-FOTF-VL-06SM-140-01	HA-FOTF-VL-12SM-140-01	HA-FOTF-VL-24SM-140-01
150 m	HA-FOTF-VL-03SM-150-01	HA-FOTF-VL-06SM-150-01	HA-FOTF-VL-12SM-150-01	HA-FOTF-VL-24SM-150-01
160 m	HA-FOTF-VL-03SM-160-01	HA-FOTF-VL-06SM-160-01	HA-FOTF-VL-12SM-160-01	HA-FOTF-VL-24SM-160-01
170 m	HA-FOTF-VL-03SM-170-01	HA-FOTF-VL-06SM-170-01	HA-FOTF-VL-12SM-170-01	HA-FOTF-VL-24SM-170-01
180 m	HA-FOTF-VL-03SM-180-01	HA-FOTF-VL-06SM-180-01	HA-FOTF-VL-12SM-180-01	HA-FOTF-VL-24SM-180-01
190 m	HA-FOTF-VL-03SM-190-01	HA-FOTF-VL-06SM-190-01	HA-FOTF-VL-12SM-190-01	HA-FOTF-VL-24SM-190-01
200 m	HA-FOTF-VL-03SM-200-01	HA-FOTF-VL-06SM-200-01	HA-FOTF-VL-12SM-200-01	HA-FOTF-VL-24SM-200-01