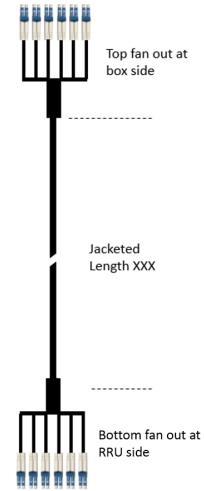




RFS' HYBRIFLEX™ cabling solution for Remote Radio Head (RRU) combines optical fiber and DC power for RRUs in a single lightweight aluminum corrugated cable, making it the world's most innovative solution for RRH deployments. It was developed to reduce installation complexity and cost at Cellular sites.

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

Technical features

STRUCTURE

| | | |
|------------|--|-------------|
| Cable Type | | Fiber Trunk |
| Size | | 7 mm |

MECHANICAL SPECIFICATIONS

| | | |
|--|---------|---------|
| Minimum Bending Radius, (Operating) | mm (in) | 70 (3) |
| Minimum Bending Radius, (Installation) | mm (in) | 125 (5) |

CABLE JACKET

| | | |
|--|---------|----------|
| UV-Protection Individual and External Jacket | | Yes |
| Outer Diameter Nominal | mm (in) | 7 (0.29) |

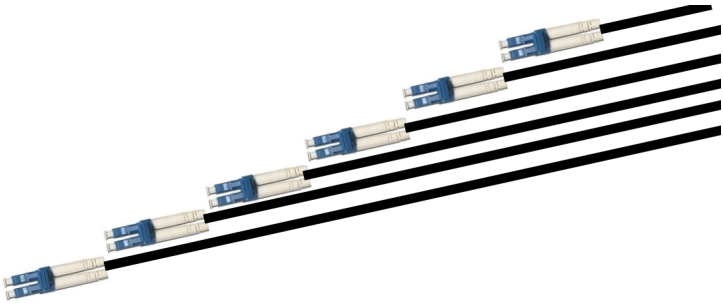
F/O CABLE SPECIFICATIONS

| | | |
|-------------------------|-------|----------------------------|
| F/O Cable Type | | Tight Buffer, Single Mode |
| Number of F/O Pairs | | 6 |
| Core/Clad | µm | 9 /125 |
| Optical Loss | dB/Km | 1 @ 1310 nm 1 @ 1550 nm |
| Fiber Termination End 1 | | 6 x LC Connector |
| Fiber Termination End 2 | | 6 x LC Connector |



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) |



RRU Side

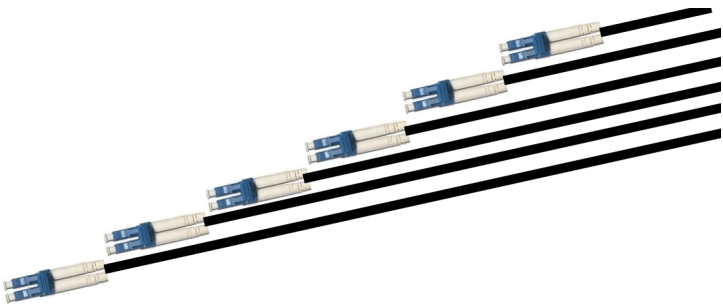


HA-FOTA-LL-06SM-XXX

HYBRIFLEX® Fiber Trunk Cable, Single-Mode

| Length | Model Name |
|--------|---------------------|
| 5m | HA-FOTA-LL-06SM-005 |
| 10m | HA-FOTA-LL-06SM-010 |
| 15m | HA-FOTA-LL-06SM-015 |
| 20m | HA-FOTA-LL-06SM-020 |
| 25m | HA-FOTA-LL-06SM-025 |
| 30m | HA-FOTA-LL-06SM-030 |
| 35m | HA-FOTA-LL-06SM-035 |
| 40m | HA-FOTA-LL-06SM-040 |
| 45m | HA-FOTA-LL-06SM-045 |
| 50m | HA-FOTA-LL-06SM-050 |
| 55m | HA-FOTA-LL-06SM-055 |
| 60m | HA-FOTA-LL-06SM-060 |
| 65m | HA-FOTA-LL-06SM-065 |
| 70m | HA-FOTA-LL-06SM-070 |
| 75m | HA-FOTA-LL-06SM-075 |
| 80m | HA-FOTA-LL-06SM-080 |
| 85m | HA-FOTA-LL-06SM-085 |
| 90m | HA-FOTA-LL-06SM-090 |
| 95m | HA-FOTA-LL-06SM-095 |
| 100m | HA-FOTA-LL-06SM-100 |
| 105m | HA-FOTA-LL-06SM-105 |
| 110m | HA-FOTA-LL-06SM-110 |
| 115m | HA-FOTA-LL-06SM-115 |
| 120m | HA-FOTA-LL-06SM-120 |
| 125m | HA-FOTA-LL-06SM-125 |
| 130m | HA-FOTA-LL-06SM-130 |
| 135m | HA-FOTA-LL-06SM-135 |
| 140m | HA-FOTA-LL-06SM-140 |
| 145m | HA-FOTA-LL-06SM-145 |
| 150m | HA-FOTA-LL-06SM-150 |

Other length on request



BBU Side

External Document Links

Notes