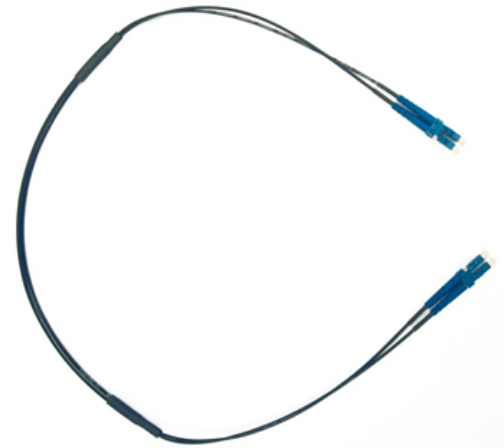




FEATURES / BENEFITS

- Ruggedized, bend-insensitive fiber design with outstanding bending characteristics
- Lightweight solution and compact design -> Decreases tower loading
- Robust cabling – Eliminates need for expensive cable trays and ducts
- Installation of tight bundled fiber optic cable pair directly to the RRH – Reduces CAPEX and wind load by eliminating need for interconnection
- Multiple Optical fiber cables housed in single cable – Saves CAPEX by standardizing RRH cable installation and reducing installation requirements
- Outdoor, black PE jacket – Ensures long-lasting cable protection
- **100% Factory tested - Online test results available**



Technical features

STRUCTURE

Cable Type		HYBRIFLEX®
Fire Performance		Flame Retardant
Length	m (ft)	0.9 (3)

MECHANICAL SPECIFICATIONS

Outer Diameter Nominal	mm (in)	5.5 (0.217)
Minimum Bending Radius, Single Bend	mm (in)	83 (3.3)
Recommended / Maximum Clamp Spacing	m (ft)	1 / 1.2 (3.25 / 4)

CABLE JACKET

UV-Protection Individual and External Jacket		Yes
Jacket Material		Flame Retardant, indoor/outdoor, PVC, Black

F/O CABLE SPECIFICATIONS

F/O Cable Type		Single Mode, Bend Tolerant
Number of F/O Pairs		1
Core/Clad	µm	9 / 125
Secondary Protection Nominal	µm (in)	900 (0.035)
F/O Standards (Meets or Exceeds)		UL Listed Type OFNR (UL1666), RoHS Compliant
Optical Loss	dB/Km	0.5 @ 1310 nm 0.5 @ 1550 nm
Fiber Termination End 1		LC Connector
Fiber Termination End 2		LC Connector
Cable sealing method		Semi-rigid flame-retarded polyolefin, with hot melt adhesive

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)
Jacket Specifications		UL 1569, FT1, FT4



PRODUCT DATASHEET

FR-N-1SM-01-3F

HYBRIFLEX® RRH Optical Fiber Feeder Cabling Solution, 1 Pair, Ruggedized Bend-Insensitive Single-Mode Fiber with DLC Connectors



External Document Links

[Installation Guidelines](#)

[Quick Ship 2.0 Program Information](#)

[View Factory Test Results On-line](#)

Notes