



## Group Datasheet HA-FOJBF-OA-01SM Series

# Armored Bend-Insensitive Single Mode Fiber Jumper, LC to ODC, 1 Pair of Fiber, With Pulling Connector

## Product Description

These robust, bend insensitive, single-mode fiber assemblies are a great solution for last-mile fiber connections, such as between patch panels, distribution boxes, and BBUs.

Complementing RFS's HYBRIFLEX® portfolio, 100% of these fiber assemblies are pre-tested and certified by RFS for insertion loss, return loss and reflectance, and will ensure an end-to-end reliable and high-quality install to your HTTA (HYBRIFLEX to the antenna) deployment.

Packaging includes a Pulling Connector, which offers protection to the LC connectors, and also can be used to hoist the fiber through cable trays, speeding up your installation.



## Technical Specifications

<b>Cable Configuration</b>	
Configuration	Jumper – 0 DC pairs x 1 SM FO
<b>Bulk Mechanical / Environmental Properties</b>	
Install minimum radius cable (single bend), cm (in)	5.1 (2.0)
Bulk outer diameter, max., mm (in)	8.0 (0.315)
UV-Protection (bulk)	ASTM G154
Jacket	Flame retardant, indoor / outdoor PVC jacket – black
Operational temperature rating (cable), °C (°F)	Operational: -40 to +85 (-40 to +185) During Installation: -20 to +65 (-4 to +149)
<b>Electrical Requirements – Optical</b>	
Optical fiber type	Single mode ITU.G657.A1
Return loss (LC), dB	>50 typ., >45 worst case
Insertion loss (fiber), dB	0.35 typ/0.5 max./ 1000m @1310 and 1550
Insertion loss (LC), dB	0.15 typ. / 0.25 max. @1310 and 1550
Return loss (ODC), dB	50
Insertion loss (ODC), dB	.5
Optic fiber count / construction	Non-spliced, 2 channel
Core/clad/buffer – termination	9/125/900-Dual LC
Fiber cable outer diameter, mm	8.0
900um buffer jacket color	2 Individual buffer colors
Furcation tube outer diameter, mm	2.0
Duplex clip colors	Blue
Strain relief boot colors	Blue/Red

- Robust, bend insensitive fiber design**  
Eases installation and provides long-term reliability
- Packaging includes a Pulling Connector**  
Protects the jumper assembly and speeds up the installation process
- All fibers are numbered**  
Easy identification system saves time
- 100% factory tested**  
Ensures a high-quality, durable product
- On-line test results available**  
Easy access to test data in the field eliminates downtime



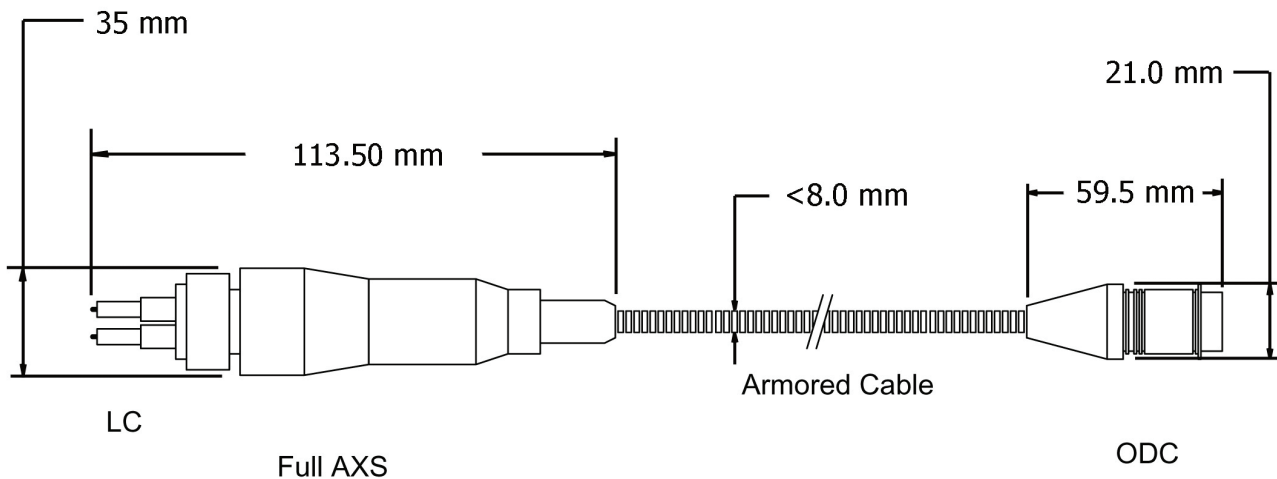
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Ordering Information

Model Number	Description	Length
HA-FOJBF-OA-01SM-1	Fiber Jumper, riser, armored, 1 pair of SM fiber	1 m
HA-FOJBF-OA-01SM-3	Fiber Jumper, riser, armored, 1 pair of SM fiber	3 m
HA-FOJBF-OA-01SM-5	Fiber Jumper, riser, armored, 1 pair of SM fiber	5 m
HA-FOJBF-OA-01SM-10	Fiber Jumper, riser, armored, 1 pair of SM fiber	10 m
HA-FOJBF-OA-01SM-20	Fiber Jumper, riser, armored, 1 pair of SM fiber	20 m

Product Drawing



Related Information

[View factory test results on-line simply by entering the product serial number](#)  
[See how RFS' HYBRIFLEX installation tools can simplify and improve field work for you today](#)