

**HA-FOPLUG-SU-F**

Hybriflex SC Connector UPC (field installable)



RFS Field installation connector can be assembled easily and quickly in the field with no fusion device or special tool. To reduce cable waste, the drop cable connector can be repeatedly used for 5 times. The fiber mating alignment and gripping technology include a factory-polished zirconia ferrule, which improve durability and provide a reliable, low-loss fiber termination. The kit can be separately ordered. It contains strip and cut tool, cleaver, and cleaning paper.

Features / Benefits

- The connector can be directly used in ONU, widely used in FTTH project of network revolution.
- Easy operating, save time for installation operation.
- Reduce the use of sockets and pigtails, save cost of project.
- Applicable to connection with field mountable indoor cable, pigtail, patch cord and transformation of patch cord in data room and directly used in specific ONU.

Technical Features**MECHANICAL SPECIFICATIONS**

Dimensions Connector (LxWxD)	53 - 9.2 - 7.4 - 2.09 - 0.36 - 0.29
------------------------------	-------------------------------------

F/O CABLE SPECIFICATIONS

Fiber Diameter	125 μm
Coating Diameter	250 μm
Operating Time	≤ 180 sec

ENVIRONMENTAL

Storage Temperature	-40°C to 85°C (-40°F to 85°F)
Operation Temperature	-40°C to 85°C (-40°F to 185°F)
Installation Temperature	-15°C to 40°C (5°F to 104°F)

**HA-FOPLUG-SU-F**

Hybriflex SC Connector UPC (field installable)

STANDARDS AND TESTING

Test Name	Test Standard	Specific Value
Fiber optic interconnecting devices and passive components – Performance standard	IEC61753-1	
Fiber optic interconnecting devices and passive components - Basic test and measurement procedures	IEC61300-2	
Basic environmental testing procedures for electric and electronic products	IEC60068-2	
Insertion loss(dB)	IEC61300-3-4-Method B	Maximum $\leq$ 0.3dB
Return loss(dB)	IEC61300-3-6-Method 1	APC $\geq$ 47dB UPC $\geq$ 40dB
Repeatability	IEC 61300-2-2 500 cycles	During the test the difference between the initial measurement and each of the measurements after one cycle must be less than 0.20 dB, and should be cleaned otherwise, with a limit of 25 cleanings
Mechanical durability		500 times
Drop test (1.5m, 3 times)		IL $\leq$ 0.2dB

