

Description

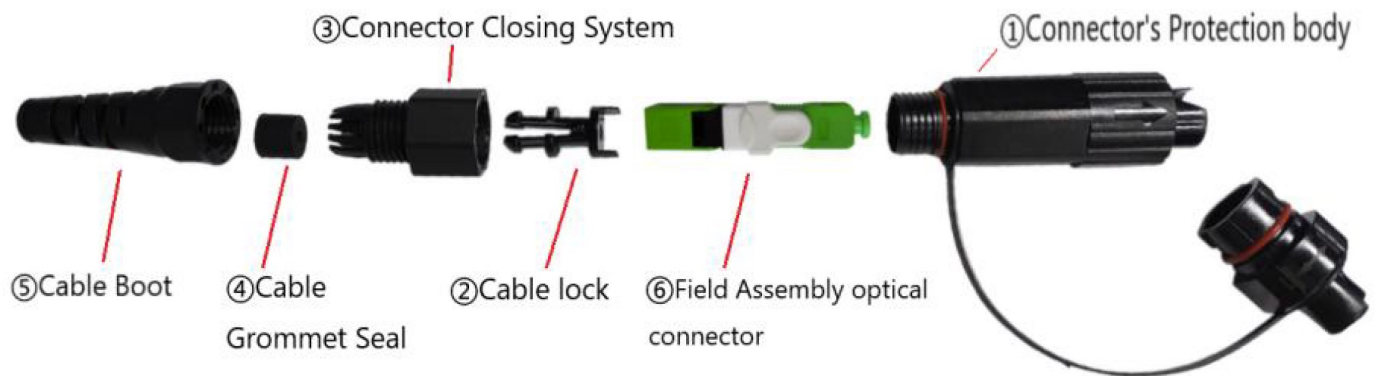
Waterproof Mini SC APC Field Installable reinforced Connector is a type of waterproof& reinforced connector which can be used with 2*3.0mm, 2*5.0mm flat drop cable. Its innovative design enables it to be compatible with Huawei Mini SC without infringing on Huawei's patents.

This Fast type Hardened Mini SC APC Connector includes a conventional FTTH fast connector and a protective cover compatible with Huawei's Mini-SC interface. It can achieve quick connection through simple assembly. It is an excellent solution to be compatible with Huawei devices and do not need terminated the connector in laboratory, it can be filed assembled very easily when the Huawei connector defects.



Optical Specifications

Item	Parameter
Products Name	Waterproof Mini SC APC Field Installable reinforced Connector
Part No.	M-SC-FC-001
Cable Compatibility	2*3.0mm, 2*5.0mm flat drop cable, round 3.0mm cable, round 2.0mm drop cable
Mode	SM
Operation Time	about 30s (exclude fiber presetting)
Insertion Loss	$\leq 0.3\text{dB}$ (1310nm & 1550nm)
Return Loss	$\geq 50\text{dB}$ for UPC, $\geq 55\text{dB}$ for APC
Success Rate	>98%
Reusable Times	>10 times
Temperature	-40 ~ +85 C
On-line Tensile Strength Test (20 N)	IL $\leq 0.3\text{dB}$
Mechanical Durability (500 times)	IL $\leq 0.3\text{dB}$
Drop Test (4m concrete floor, once each direction, three times total)	IL $\leq 0.3\text{dB}$



Suitable standard Fast Connector: J-R-SSA-52B

Installation and Maintenance



Field-Friendly Design: The push-pull insertion and bayonet-style latch ensure secure, tool-free assembly in the field.

Simple Maintenance: Durable construction minimizes maintenance needs, even in harsh environments, ensuring long-term performance.

Protective Design: Inside cover shields ferrule end face from damage, maintaining optimal signal clarity.

Features

Waterproof IP67 rated. Provides excellent water, dust, and corrosion resistance.
Suitable for different types cables. including 2.0mm, 3.0mm, and 5.0mm options.

Fast Connect type for field assembly.

Tool-free assembly with a push-pull insertion mechanism.

Rapid connection to external flush-mounted bulkhead adapter to closure or terminals.

Durable Material: PEI construction for UV, acid, and alkali resistance.

High Reliability: Withstands up to 1,000 insertion cycles and cable tension up to 70N.

Applications

Compatible with Huawei Device.

FTTH and FTTA networks for outdoor fiber connections.

Telecom networks, including 5G base stations.

Industrial and military communication in harsh environments.

Video surveillance and broadband data transmission.