

Field Installable Fast Waterproof Connector



Product Description

Mini IP SC Series Field Installable Fast Waterproof Connector is a new design outdoor waterproof fiber optical connector compatible with HW Mini SC connector /adapter . It's mainly used for FTTH outdoor installation . It's small and easy to be installed with IP68 grade . Mini SC fast connector is an excellent solutions with HW Device and do not need terminated the connector in laboratory . It can bot field assembled very easy to save time and short the project time.

Features:

- Cost effective solution for in house termination
- Low insertion loss and added loss
- Height of attenuation
- IP68 water, dust proof and corrosion resistant
- Mechanical performance: IEC 61754-4 standard
- ROHS and REACH materials compliant
- Cable diameter Range:FTTH Drop cable 2.0* 1.6mm/ 2.0*3.0mm/2.0*5.0mm ,Round cable 5.0mm/3.0mm/2.0mm

Application:

- FTTH BBU RRU
- FTTH & Outdoor Fiber Terminal End
- Harsh Environment
- Data Video Transmission
- Optical Fiber Access Of Mobile Base Station

Specification

Category	Specification
Cable Scope	2* 1.6mm/2*3.0mm /2.0*5.0mm flat drop cable, 5.0mm/3.0mm/2.0mm round cable
Fiber Diameter	125μm (652 & 657)

Coating Diameter	250μm
Mode	Single mode or Multi mode
Operation Time	about 15s(exclude fiber presetting)
Working wavelength	1310 nm, 1490 nm, 1550 nm
Insertion Loss	AVG≤ 0.3dB, MAX≤ 0.5dB(1310nm & 1490nm& 1550nm)
Return Loss	≥ 50dB for UPC, ≥ 55dB for APC
Success Rate	>98%
Reusable Times	>5 times
Tensile Strength	>30 N
Temperature	-40 ~ +85 C
On-line Tensile Strength Test (20 N)	IL ≤ 0.3dB
Mechanical Durability(500 times)	IL ≤ 0.3dB
Drop Test(4m concrete floor,once each direction, three times total)	IL ≤ 0.3dB