



Waterproof Mini SC Hardned Fiber Optic Fast Connector

General Description

Mini SC fast connector assemblies provide a robust and sealed connection solution for fiber to the home (FTTH) connectivity. Inside with SC APC fast connector can use for outdoor directly and connect directly without any fusion. Accessories with 3 types cable clip can use for indoor 3.0mm cable and outdoor 5.0mm round cable also for FTTH 2.0*3.0mm drop cable.

Feature

- Cost effective solution for in house termination;
- Low insertion loss and added loss;
- Height of attenuation;
- IP67 water, dust proof and corrosion resistant;
- The material in the jumpel cable are all-weather and UV-resistant;
- Mechanical performance: IEC61754-20;
- RoHS and REACH materials compliant.

Application

- Provides superior weather resistance for FTTA and other outdoor applications
- Allows flexibility to use factory terminated assemblies or pre-terminated or field installed assemblies
- Suitable for FTTA and outdoor temperature extremes
- Ensures functionality in harsh weather environments
- Can be installed without special tooling
- Threaded style coupling

Specification

Category	Specification
	2*1.6mm/2*3.0mm /2.0*5.0mm flat drop cable, 5.0mm/3.0mm/2.0mm round cable
Cable Scope	
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

Detailed product picture

