



## 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 direclty 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:

- ◆ Costeffective solution for in house termination;
- ◆ Low insertion loss and added loss;
- ◆ Height of attenuation;
- ◆ IP67 water, dust proof and corrosionresistant;
- ◆ 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 installs without special tooling
- ◆ Threaded style coupling

## 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	125 $\mu$ m ( 652 & 657 )
Coating Diameter	250 $\mu$ m
Mode	Single mode or Multi mode
Operation Time	about 15s(exclude fiber presetting)
Working wavelength	1310 nm, 1490 nm, 1550 nm
Insertion Loss	AVG $\leq$ 0.3dB, MAX $\leq$ 0.5dB( 1310nm & 1490nm& 1550nm)
Return Loss	$\geq$ 50dB for UPC, $\geq$ 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 $\leq$ 0.3dB
Mechanical Durability(500 times)	IL $\leq$ 0.3dB
Drop Test(4m concrete floor, once each direction, three times total)	IL $\leq$ 0.3dB



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## Detailed product picture:

