

# Waterproof Connector

## Description

HYC's waterproof connector has IP68 waterproof rating and UL94-V0 fire-resistant. SC, Duplex LC, MPO types are available. The waterproof fiber optic connector is an ideal product for Fiber to the Antenna (FTTA) connectivity solutions. The biggest difference between this product and the traditional optical fiber patch cord is the portable waterproof connection and the tensile strength of the optical cable. Use specially designed materials for docking with optical equipment in harsh outdoor environments to achieve moisture-proof and sun-proof functions.



## Feature

- Compact design, One-handed operation possible
- Compatible with 5mm and 7mm outdoor optical cables
- Guiding structure with Key, it can realize blind insertion
- IP68 waterproof rating

## Application

- Wireless base station
- Aerospace and defense
- FTTx
- Industrial outdoor

## Specification

Items	Waterproof Connector		
	SC	LC	MPO
Type			
Insertion loss		SM: ≤0.2 dB MM: ≤0.3dB	
Return loss	≥50dB (UPC)	≥60dB (APC)	MM: ≥35dB (UPC)
Applicable optical cable	Φ5.0mm OD, Φ7.0mm OD		
Mechanical durability	500 times		
Cable tension	≥15N		
Insulation resistance	>500MΩ		
waterproof rating	IP68		
Device operating temperature	-40℃ ~ +80℃		
Flame retardant grade	UL94 V-0		