

## Waterproof Connector



### Description

Waterproof optical fiber connector is specially designed for outdoor environment optical cable communication , screw thread bayonet connector technology can fast connection. With multicore one-time connection is successful and One-hand mating. the waterproof optical fiber connector assemblies have passed tests like salt mist, vibration and shock and meet protection class. Low connecting loss and high reliability. Strong, waterproof, dustproof, tensile, compressive and resistance to bad environment, etc. Used in various field of optical fiber communication network, coal mine safety guarantee system, nuclear industry, wind power generation, military computing systems, airborne shipboard equipment, communications repair, Field optical communication link temporary fast connection , and other special environment.

### Application

- Outdoor environment of optical fiber communication
- Outdoor communication equipment connection
- Optical fiber base station connection
- Field optical communication link temporary fast connection
- Broadband
- CATV
- FTTP

### Features

- Cost effective solution for in house termination
- Water proof, dust proof and corrosion resistant
- Wide range of operational temperature
- Wide range of cables to be used,3-8mm OD. cable with two 2.0mm to 3.0mm jacketed subunits
- Multimode and single mode
- Intermateable to other Industrial adaptor per IEC 61076-3-106
- Simple assembly requiring no special tools
- Durable mechanical mating,minimum of 500 mating

### Specification

Parameter	ETFS- LC		ETOP- SC		ETMN-SC		ETVA-SC		ETVA-LC		ETVA-MPO		ETVA-MPO Low loss		ETLC	
	SM	MM	SM	MM	SM	MM	SM	MM	SM	MM	SM	MM	SM	MM	SM	MM
Insertion Loss (dB)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.75	0.5	0.35	0.35	0.2	0.2
Return Loss (dB)	50	/	50	/	50	/	50	/	50	/	60	25	60	25	50	/
IP Rating	IP67		IP67		IP67		IP68		IP68		IP68		IP68		IP67	
Durability	<0.2dB typical change 500 matings															
Operating Temperature	-40°C to +70°C															



## Order Information

1. ETFS- LC (IP Rating :IP67; Fiber optic cable OD:4.8mm or 7.0mm)



2. ETOP- SC (IP Rating :IP67; Fiber optic cable OD:3.0mm or 5.0mm)



3. ETMN-SC (IP Rating :IP67; Fiber optic cable OD:3.0mm or 5.0mm)





4. ETVA-SC (IP Rating :IP68; Fiber optic cable OD:3.0mm to 8.0mm)



5. ETVA-LC (IP Rating :IP68; Fiber optic cable OD:3.0mm to 8.0mm)



6. ETVA- MPO (IP Rating :IP68; Fiber optic cable OD:3.0mm to 8.0mm)



7. ETLC (IP Rating :IP67; Fiber optic cable OD:3.0mm to 7.0mm)



8. Waterproof Junction Box (IP Rating :IP67; Overall dimensions : L\*W\*H=250mm\*80mm\*70mm )



Note: The hole's number and location can be customized according to customer's requirements.