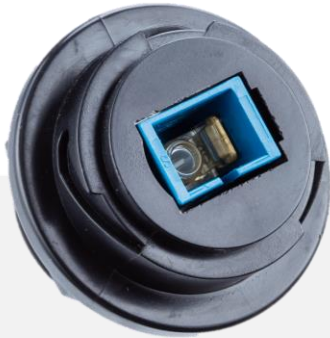


Amphenol LTW

FIBER OPTIC

- IP67 mated
- Flammability: UL 94V-0
- Cable O.D. range:
2.0 ~ 6.8mm
- Operating temperature:
up to -40°C ~ +105°C
- Frequency range 10 ~
55Hz / Amplitude 1.52m

**A wide range of optical
fiber connectors
including LC and SC**



SC Type
(Standard Connector)

3 Point Lock
Plastic



LC Type
(Lucent Connector)

3 Point Lock
Plastic

Unrivalled InterConnects for Harsh Environments

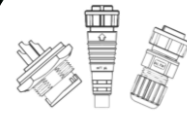
About ALTW

**3**

Production Sites
(Taiwan, China, Mexico)

**30+**

Market Applications

**90,000+**

Products

Since 1993, Amphenol LTW Technology “ALTW” lives and breathes to create, innovate, design and produce “***unrivaled interconnects for harsh environments***”. With over 300 worldwide patents, not only does ALTW offer the broadest and widest range of rugged interconnects in the industry but also customization with the mission of “Customer Satisfaction First”. Undoubtedly, ALTW is the leader in rugged interconnects, highly recognized for its uncompromising quality, short lead time, fast and tailored service and its very competitive pricing.

Regardless of the challenging environments that your products will be subject to; there is a very good chance that you will find what you are looking for with ALTW.

Unrivaled InterConnects for Harsh Environments

Fiber Optic

Amphenol LTW offers a variety type of Fiber Optics adapters which allow terminating fiber optics cables to be coupled together. Available in LC (Lucent Connector) & SC (Standard Connector) type for your outdoor application for your high-speed transmission requirement.

- ❖ IP67 mated
- ❖ LC & SC type available
- ❖ Flammability UL 94V-0
- ❖ Cable O.D. range 2.0 ~ 6.8mm
- ❖ Operating temperature: Up to -40°C ~ $+105^{\circ}\text{C}$
- ❖ RoHS & REACH compliant



Product Range Overview

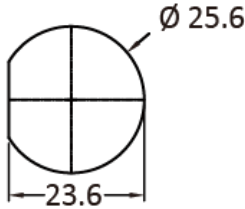
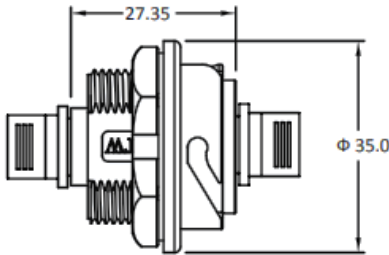
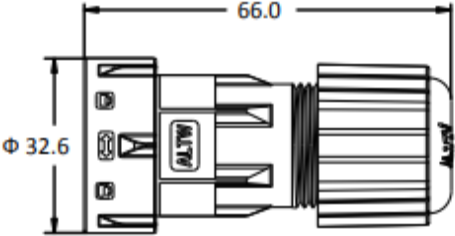
SUB SERIES	SC Type	LC Type
Mating Style	3 Points Lock	3 Points Lock
Plastic Version	✓	✓
Operating Temperature	Receptacle: -40°C ~ 105°C Field Serviceable/Installable: -40°C ~ 105°C	
Fasten Style of Nut	Rear	Rear
Receptacle	✓	✓
Field Serviceable/Installable	✓	✓
Accessories	✓	✓
IP Rating	IP67 (Mated)	IP67 (Mated)
Salt Spray (Connector, Mated)	48h	48h
UV Resistant	✓	✓
Flammability Rating	UL94V-0	UL94V-0
Vibration Resistant	Frequency Range 10 ~ 55Hz / Amplitude 1.52mm	
RoHS Compliant	✓	✓
REACH Compliant	✓	✓
Field Serviceable/Installable Material	Clamp Ring: PPO Lock Nut: PPO Sealing Nut: Nylon	
Receptacle Material	Housing: PPO Screw Nut: Nylon	

Served Markets & Applications

Market	Application	
Broadband Wireless Access	• Outdoor Access Point • Cellular, Subscriber, and Mobile Station	• Wireless Router and Mobile Backhaul • High Capacity Mobile Subscriber Unit
Industrial Automation	• Data Communication: Industrial Server	
Renewable Energy	• Communication System	
Railway Mass Transit	• Navigation: GPS, Indicators • Infotainment System	• Vehicle Monitoring
Communication	• High Bandwidth: Multiplexer & Demultiplexer • Base Station and Access Point	• Base Station and Access Point • Router and Switches

Panel Cut-Out & Part Number

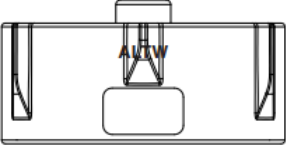
Receptacle and Mating Pair

Panel Cut-Out  (unit: mm)	Receptacle 	Field Installable 
Type	Female Connector (F)	Male Connector (M)
LC Type (L)	FB-00RLFJ-TC7001	FB-00BLMA-TL7001 (Cable OD: 2.5 ~ 2.8, Dual Holes Seal) FB-00BLMA-TL7002 (Cable OD: 4.5 ~ 6.8)
SC Type (S)	FB-SMRSFJ-TC7001	FB-00BSMA-TL7001 (Cable OD: 2.4 max)

Accessory

Waterproof Cap

(click the image to find more product information)

		
	Waterproof Cap	Waterproof Cap With Rubber Lead
Mating Pair:	Receptacle	Receptacle
Mating Style:	3 Points Lock Bayonet	3 Points Lock Bayonet
Mating Pair (Gender):	Male	Male
Part Number:	CAP-WFBMTMA1	CAP-WFBMTPC1



Amphenol LTW

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