

IP-LC Connector and Adapter



The IP-LC connector is designed to exceed the requirements of ODVA, the connector meet IP66/67 environmental sealing ratings and is the ideal choice for a low cost and easy to use solution in industrial, Fiber to the Antenna, or any other harsh environmental applications.

The IP-LC connector is designed according to the IEC60603-7 interface standard, which allows mating to other similar mechanical locking systems.

Features:

- ◆ IP67 Water immersion and Dust protection for hash environment
- ◆ Wide range of cables to be used, 5-8mm OD cable with duplex 2.0mm to 3.0mm jacketed subunits
- ◆ Singlemode and Multimode
- ◆ Intermatable to other industrial LC adapter per IEC60603-7
- ◆ Simple assembly requiring no special tools
- ◆ Aluminum housing, compactible design
- ◆ Cost effective, time saving and eliminates the need for splicing on site

Application:

- ◆ Military, Oil & Gas, Broadcast & Industrial

Performance Specifications:

Item	Type	Parameter
Insertion Loss	SM	≤0.20dB
	MM	≤0.30dB
Return Loss	SM	≥50dB
	MM	≥35dB
Repetition Test		Additional Loss≤0.1dB, Return Loss Variability<5dB
Temperature Stability(-40℃~85℃)		Additional Loss≤0.2dB, Return Loss Variability<5dB
Free Fall Resistance		500 falls onto concrete from 1.2M height
Bump Resistance		4000 bumps @ 40g acceleration
Tensile Strength		Tensile of 1500N, cable dependent
Operating Temperature		-40 to +70℃
Storage Temperature		-55 to +85℃

Package Dimension:

