

## 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	$\leq 0.20\text{dB}$
	MM	$\leq 0.30\text{dB}$
Return Loss	SM	$\geq 50\text{dB}$
	MM	$\geq 35\text{dB}$
Repetition Test		Additional Loss $\leq 0.1\text{dB}$ , Return Loss Variability $< 5\text{dB}$
Temperature Stability( $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ )		Additional Loss $\leq 0.2\text{dB}$ , Return Loss Variability $< 5\text{dB}$
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 $+70^{\circ}\text{C}$
Storage Temperature		$-55$ to $+85^{\circ}\text{C}$

## Package Dimension:

