

Features:

- Rugged metal design replaces plastic LC connector
- Secure interface for high shock and vibration applications
- Separable for repair of fiber jumper to box/LRU level connector
- Supports standard or short LC connector boots
- Can be terminated on 900µm and 1.6–2.2mm diameter fiber cables
- Metal design improves performance over temperature inside LRUs
- Improved tamper resistance vs. plastic tab LCs
- Reduces chance of accidental removal



LC-T is ideal for harsh environments including military and aerospace applications



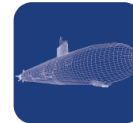
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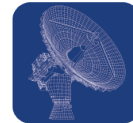
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MILITARY
TACTICAL



SUBSEA
NETWORKING



RADAR &
SENSING



OIL &
EXPLORATION

General Description

The LC-T is an all-metal body and retention clip constructed LC connector with a proprietary retention mechanism that offers a highly reliable and separable interface. Standard plastic LCs can weaken over temperature, repeated stresses, and shock and vibration, while the LC-T offers a highly secure metal connection. Designed to MIL-STD, TIA, and ARINC 801 environmental performance.

Specifications

Mechanical Specifications

- Compatible with most LC based transceivers
- Color coded for single-mode and multimode fiber
- 15 lbf cable retention
- Connector retention per EIA-364-38B (12 lbf)

Configuration Specifications

- Multimode version – White boot
- Single-mode version – Blue boot
- Contact COTSWORKS for different boot options

Environmental Specifications

- Operating temperature of –50°C to +95°C
- Storage temperature –55°C to +105°C
- Humidity 95% (non-condensing)
- Mechanical Shock per MIL-STD-883 (1500g, 0.5ms)
- Vibration per MIL-STD-883 (20g)

Agency/Safety Specifications

- RoHS requirements per 6/6



Ordering Information

LC-T	-X	-XXX
Product Family	-M: Multimode	Blank: Connector Only
	-S: Single-mode	-1D8: Termination Kit for 1.6 to 2.2mm -900: Termination Kit for 900µm Buffered Fiber

Example part number: LC-T-M-1D8
 [Multimode LC-T Termination Kit for 1.6 to 2.2mm Jacketed Fiber]
Example part number: LC-T-S
 [Single-mode LC-T Connector]

Contact COTSWORKS for mechanical dimensional information and other configuration options.

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