

General Description

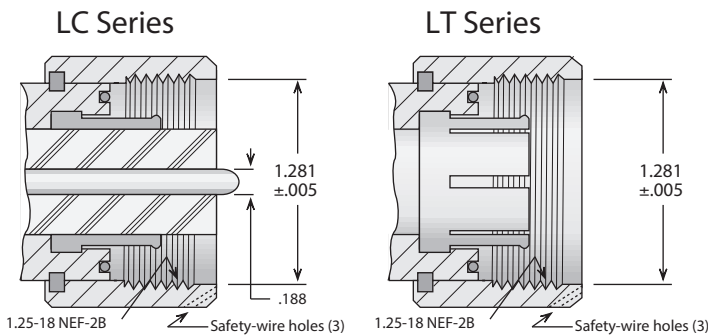
Delta LC and LT series connectors (which are similar in size, but not intermateable), are large, high-voltage, 50 Ω impedance connectors with 1 1/4–18 threaded mating. They are best suited for use with cables with diameters from .73" to 1.2", such as RG-17 and 117/U, and RG-18 and 118/U. Because of the variety of designs and assembly methods within these series, we suggest that you call us to verify the compatibility of specific connector pairs prior to ordering. As with all other Delta connector series, we welcome your specifications for special configurations.

LC/LT Configurations

Straight Cable Plugs.....	52
Panel Jack Receptacles (square flange)	52
In-Series Adapters	53

LC/LT Specifications

Plug Interface**



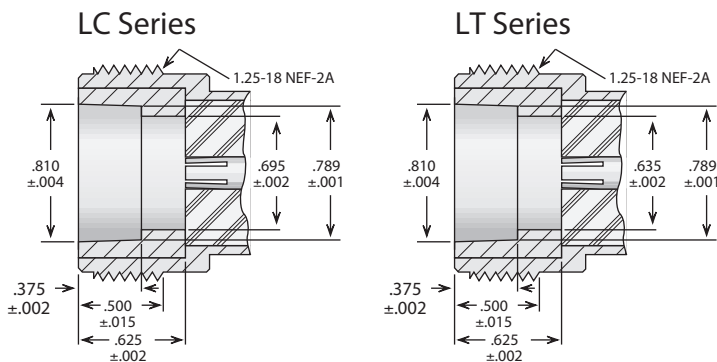
Electrical:

Nominal Impedance: 50 ohms.
 Frequency Range: DC–1 GHz.
 Voltage Rating: 5,000 volts RMS.

Materials/Finishes:

- Insulators: Teflon per ASTM D1710, or rexolite per MIL-P-77.
- Male Contacts: Brass per ASTM B16.
- Female Contacts: Beryllium Copper per ASTM B196.
- Contact Plating : Silver - ASTM B700, or Gold per MIL-DTL-45204.
- Gaskets: Silicone rubber per ZZ-R-765, Class II, Grade 50.
- Other Metal Parts: Brass per ASTM B16
 Plated: Silver - ASTM B700, or Nickel - AMS-QQ-N-290

Jack Interface**



All other specifications are in accordance with the latest issues of MIL-PRF-39012, or MIL-C-3650, or other applicable MIL specifications.

*These specifications are typical and may not apply to all connectors. Detailed specifications for individual connectors are available on request.

**Some proportions altered to illustrate detail.