

# LC Trunk Assemblies

Multi-fiber assemblies are becoming increasingly popular due to the high density applications in the marketplace. Assemblies are available in various fiber counts and utilize a variety of connectors. Cable is offered in distribution (900µm tight buffered), breakout, ribbon, and loose tube configurations in both Singlemode and Multimode options. Customized breakout types and lengths are available. Please contact Amphenol to assist you with configuring the required cable assembly.



## Features and Benefits

Available in a wide variety of LC connector types, cable designs, and lengths

All assemblies meet TIA/EIA and IEC intermateability standards

Customized breakout lengths and fanout sizes available

RoHS compliant

Available in both Singlemode and Multimode fiber types

## Specifications

**Insertion Loss:** ≤ 0.15dB typical, singlemode  
≤ 0.25dB typical, multimode

**Return Loss:** Ultra (UPC) ≤ -55dB\*

**Durability:** < 0.2dB change, 500mating cycles

**Temperature:** <0.3dB change, -40 to +85°C

**Intermateability:**

Amphenol LC Connectors are mechanically and optically intermateable with industry standard LC connectors and adapters and conform to TIA/EIA, IEC, and Telcordia specifications.

\*Performance is polish dependent

