

# Micro/Mini LC Assemblies

Amphenol's data communications fiber optic LC small form factor (SFF) connectors utilize the familiar RJ-45 latching mechanism. The Micro LC connector is smaller than the standard LC connector, providing great space savings in the network. With accelerated growth demanding greater bandwidth in less physical space, LC connectors have emerged as a viable solution for high density frames and patch panels.



Micro LC

## Micro Features and Benefits

Offers all of the benefits of the Amphenol LC connector, but with the added feature of a shorter length for jacketed cable

Short LC connector with a short boot

Length from tip of ferrule to end of boot is 36mm instead of the standard 51mm

One of the shortest LC connectors for jacketed cable on the market

Singlemode and multimode versions

Simplex and duplex versions with removable clips

Multiple boot color options available

Angled boots also available (50 and 90 degree)

## Specifications

**Insertion Loss:**  $\leq 0.15\text{dB}$  typical, singlemode  
 $\leq 0.25\text{dB}$  typical, multimode

**Return Loss:** Ultra (UPC)  $\leq -55\text{dB}^*$

**Durability:**  $< 0.2\text{dB}$  change, 500mating cycles

**Temperature:**  $< 0.3\text{dB}$  change,  $-40$  to  $+85^\circ\text{C}$

### 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

## Mini Features and Benefits

Custom assemblies for use exclusively on Brocade equipment with mSFPs

Small form factor LC connector enables high panel densities

Mini LC connectors to be installed on Brocade mSFPs are distinguished by black boots and clip



Mini LC