



Description

The Prysmian LC Shield[®] Connector makes terminating an LC Shield[®] cable simple and effective. The connector offers maximum contact area, high heat handling during excessive faults, insulated ground leads for superior heat dissipation, and easy connection. The LC Shield[®] Connector may be ordered as part of an Elaspiece[™] splice or termination kit.



Design Features

LC Ring

- Manufactured exactly like the the LC Shield[®] with a transversely corrugated copper tape, for maximum contact area and maximum fault current capability.

Silver Soldered Lug

- Insulated ground cable connected by a silver soldered lug for high heat handling during excessive faults.

Ground Cable

- Insulated ground cable for superior heat dissipation over bare metal in air.

Options

- Ground cables available in sizes from #2 AWG to #1/0 AWG, with Strandseal[®] as an option.
- Ground cables available with additional bare #12 AWG copper wire for attachment to premolded rubber accessories.
- Hose clamps or constant force springs available for connection.

Testing

The LC Shield[®] Connector has been tested to withstand the following fault scenario: 15 kA for 10 cycles on, 3 seconds off, 10 cycles on, 15 seconds off, 15 cycles on.