



LC CONNECTOR

Performance

Innovation

Reliability

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 Elaseed™ 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.
- Constant force springs are utilized for connection; an alternate design incorporates the use of hose clamps and an inner support LC ring.

Fault Current 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

700 Industrial Drive
Lexington, South Carolina
29072
1.800.845.8507
www.prysmianusa.com



137 Commerce Drive
R.R. #3
Prescott, Ontario K0E1T0
1.613.925.6000
www.prysmiancanada.com