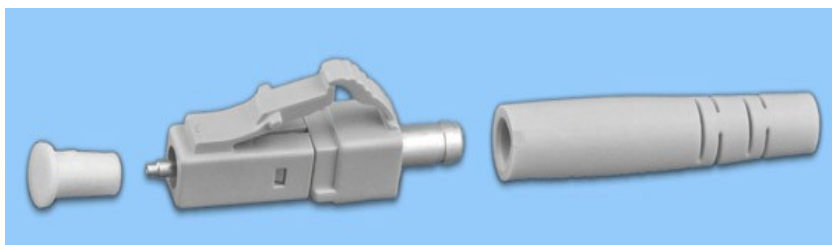


LC IMPACT MOUNT® CONNECTOR (multimode & single-mode)



Feature and Benefits

- NO epoxy or index matching gel
- All-mechanical
- Mounted with all-positive-stop tools
- Stable readings with little variation
- Long-term usage with minimal repair and replacement necessary
- Wrap ferrule tip around fiber for quick polish within seconds
- Field installable and user-friendly (two minute installation)
- Green technology – no hazardous fumes
- High-density applications

Applications

- Data / Telecom
- Local Area Network (LAN)
- FTTH/FTTP
- Cable TV
- Security equipment
- Mining
- Oil exploration
- Industrial
- Military
- Medical

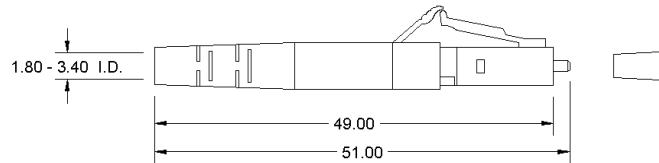
Impact Mount® Technology Concept

The mounting process is accomplished in three easy steps:

- Impact Mount tool dynamically compresses the metal ferrule tip around the fiber.
- Crimp buffer at the rear of the connector.
- Polish end of ferrule within 20 seconds.

Note: Additional crimping for Kevlar cables provides further stability and strength.

Physical Dimensions (mm)



LC Impact Mount® Connector

Performance Specifications

LC IMPACT MOUNT® CONNECTOR for both multimode and single-mode applications	LC	
	Multimode	Single-mode
Fiber O.D. (Nominal)	125, 140, & 230 micron	125 micron
Cable O.D. (Nominal)	2mm/3mm	2mm/3mm
Insertion Loss (dB) typical	0.3 dB	0.5 dB
Repeatability (100) Reconnects	<0.5 dB	<0.5 dB
Pull Strength, Minimal: Kevlar/Buffer	40 lb / 2 lb	40 lb / 2 lb
Temperature cycling: -40C to 80 C	0.3 dB max. change	0.3 dB max. change
Connector Materials:		
Ferrule	Metal	Metal
Housing	Plastic	Plastic
Mounting time	<2 min	<2 min
Interconnection Compatibility	Compatible to other LC connector	

Ordering Information

Valdor Impact Mount® Field Termination kit is required.

P/N	Description
190-8125	LC simplex, Impact Mount® connector, multimode
191-8125	LC simplex, Impact Mount® connector, single-mode
190-9125	LC duplex, Impact Mount® connector, multimode
191-9125	LC duplex, Impact Mount® connector, single-mode
	<u>IMT Universal Field Termination Kit</u>
195-1417	LC Universal Basic Hand Tool Kit
544-7777-x	Accessory Package

Pigtail/cable assemblies are also available.

Technical Information

Please contact our office at:
 Tel: (510) 293-1212
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 E-mail: sales@valdor.com