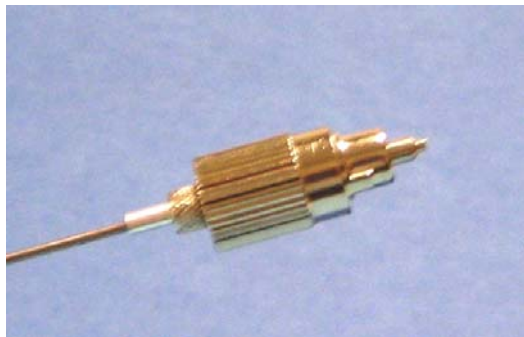


FC IMPACT MOUNT[®] CONNECTOR **(multimode & single-mode)**



Features and Benefits

- NO epoxy or index matching gel
- All-mechanical
- Minimum fiber stripping (1/4")
- Crimp rear of connector on buffer
- Wrap ferrule tip around fiber for quick polishing within seconds
- Mounted with all-positive-stop mechanical tool
- Stable performance in high-vibration environments
- Long-term usage, minimal replacement necessary
- Field installable and user-friendly (two minute installation)
- Green technology – no hazardous fumes

Applications

- Data / Telecom
- FTTH/FTTP
- Mining
- Oil exploration
- Medical
- Security equipment
- Industrial

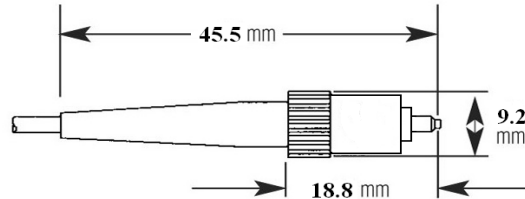
Impact Mount[®] Technology Concept

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)



FC
Impact Mount™ Connector

Performance Specifications

FC IMPACT MOUNT® CONNECTOR for both multimode and single-mode applications	FC	
	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	Metal	Metal
Mounting time	<2 min	<2 min
Interconnection Compatibility	Compatible to other FC connector	

Ordering Information

Valdor Impact Mount™ Termination kit is required.

P/N	Description
190-7125	FC Impact Mount® connector, multimode
191-7125	FC Impact Mount® connector, single-mode
195-1416	IMT Universal Field Termination Kit
544-9999-x	FC Universal Basic Hand Tool Kit Accessory Package

Pigtail/cable assemblies are also available.

Technical Information

Please contact our office at:

Tel: (510) 293-1212 Fax: (510) 293-9996

E-mail: sales@valdor.com