

## SMA IMPACT MOUNT™ CONNECTOR



### Feature and benefits

- Epoxyless connector
- Dissipates heat
- Ideal for high energy laser delivery
- Hermetically sealed fiber to connector
- High pressure application
- Field installable and user friendly  
( two minutes installation )

### Applications

- Medical
- Industrial
- Mining
- Oil
- Data FTTH/FTTP

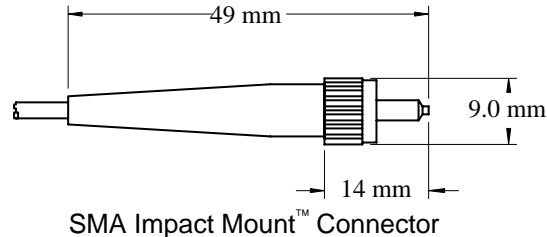
### Impact Mount™ Technology Concept

The mounting process is accomplished in three steps:

- Impact Mount tool dynamically compresses the metal ferrule tip around the fiber.
- Crimps buffer at the rear of the connector.
- Polishes end of ferrule in 20 seconds.

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

## Physical Dimensions (mm)



## Performance Specifications

### SMA IMPACT MOUNT™ CONNECTOR

Fiber O.D. (Nominal)	125 to 2000 micron
Cable O.D. (Nominal)	3 mm
Insertion Loss (dB)	0.5 dB typical
Repeatability	<0.5 dB (100) Reconnects
Pull Strength, Minimal: Kevlar/Buffer	40 lb / 2 lb
Temperature cycling: -40C to 80 C	0.3 dB max. change
Connector Materials:	
Ferrule	Metal
Housing	Metal
Mounting time	< 2min
Interconnection Compatibility	Compatible to other SMA connectors

## Ordering Information

**Valdor Impact Mount™ Termination kit is required.**

P/N	Description
190-3xxx	SMA Impact Mount™ connector, multimode

Please specify custom hole sizes (xxx), e.g. 190-3125. Pigtail/cable assemblies are also available.

## Technical Information

In USA & Europe, please contact our office at:

Tel: (510) 293-1212

Fax: (510) 293-9996

E-mail: [sales@valdor.com](mailto:sales@valdor.com)

In Asia Pacific, please contact our office at:

Tel: +86-21-6495-1808

Fax: +86-21-6495-1816

E-mail: [sales-asia@valdor.com](mailto:sales-asia@valdor.com)