



## Impact Mount™ Field Termination SMA Connector

### IMT™ SMA CONNECTOR



#### Feature and benefits

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

#### Applications

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

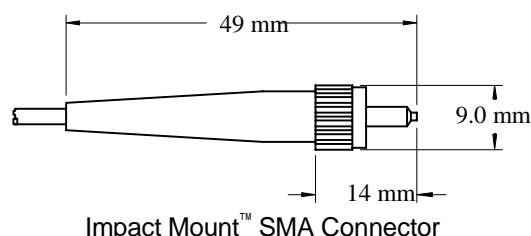
#### Impact Mount™ Technology Concept

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 cable provides further stability and strength.

## Physical Dimensions (mm)



## Performance Specifications

### IMT™ SMA CONNECTOR

Fiber O.D. (Nominal)	125 to 1100 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	20 Kg. / 1 Kg.
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.**

<u>P/N</u>	<u>Description</u>
190-3xxx	IMT™ SMA connector, (125-699um fiber)
190-6xxx	IMT™ SMA connector, (700-1100um fiber)

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

## Sales & Technical Information

Please contact our office at:

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