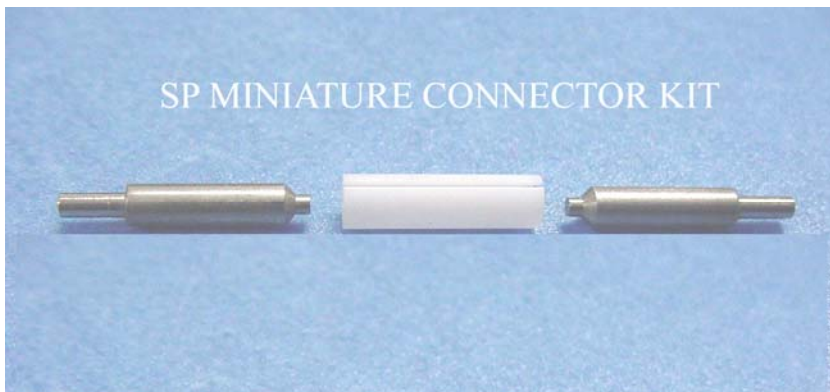


## Impact Mount® Field Installable SP Miniature Connector

### SP Miniature Connector Kit

For both multimode and single-mode applications



#### Features and Benefits

- Mechanical miniature splice connector
- NO epoxy or index matching gel
- High temperature applications (160° C)
- High-density applications
- Ideal for limited space
- Designed for Omega Enclosure line
- Ability to reopen for servicing
- Ability to add and drop lines in existing service enclosures / boxes
- Stable readings with little variation, long term
- Multiple mounting options - circular cartridges or 6/12-Pak cassette trays available.

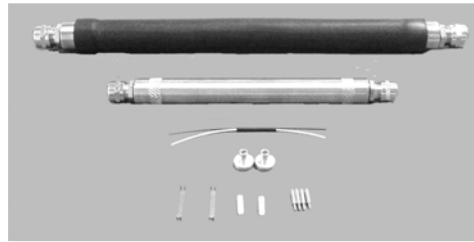
#### Applications

- Data / Telecom
- FTTx
- Mining
- Oil exploration
- Aerospace / Military
- 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.



Omega Enclosure & Components

## Performance Specifications

<b>SP Miniature Connector</b> for Omega Enclosure & Service Enclosure	<b>Multimode</b>	<b>Single-mode</b>
Bare Fiber O.D. (Nominal)	125 micron	125 micron
Buffer O.D. (Nominal)	900/250 micron	900/250 micron
Insertion Loss (dB)	0.3 dB typical	0.5 dB typical
Back Reflection	N/A	- 42 dB
Temperature Cycling: - 40C to 80 C	0.3 dB max. change	0.3 dB max. change
Splice Connector Material	Metal	Metal
Mounting Time	< 5min	< 5min

## Ordering Information

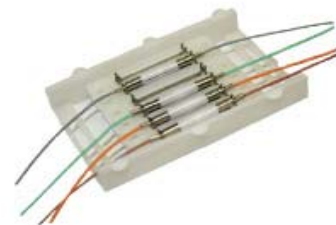
**Valdor Impact Mount<sup>®</sup> Field Termination Hand Tool Kit is required.**

<u>P/N</u>	<u>Description</u>
190-A125	SP Miniature Connector Kit (multimode)
191-A125	SP Miniature Connector Kit (single-mode) (Kit includes 2 ferrules and 1 C-sleeve)
	<u>IMT Universal Field Termination Kit</u>
195-1411 or	SP Universal Basic Hand Tool Kit
195-1413	ST/SC/SP Universal Basic Hand Tool Kit
544-9999-x	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](mailto:sales@valdor.com)



Cassette & SP Miniature Connector Kit  
For Service Enclosure / Box