

Service Enclosure with IMT SP Miniature Connector

SP Miniature Connector Kit for Service Enclosures

Features and Benefits

- Mechanical miniature splice connector
- For all types of service enclosures/boxes
- No epoxy or electricity is required
- Ability to reopen for servicing
- Minimize space for indoor and outdoor installations
- Compact cassettes available
- Ideal for space restricted enclosures
- Mounted with all-positive-stop mechanical tools
- For buffer fiber applications
- Field installable and user-friendly
(Five minutes installation per connection)

Applications

- Data / Telecom
- FTTH
- FTTP
- Mining
- Industrial
- Security equipment
- Military



Example of a service enclosure with SP miniature connectors and cassettes

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.



SP miniature connectors with 6-pak cassettes in a servicing box

Performance Specifications

SP Miniature Connector For Service Enclosure	Multimode	Single-mode
Fiber O.D. (Nominal)	125,140 & 230 μ	125 μ
Cable O.D. (Nominal)	2 mm/3 mm	2 mm/3 mm
Insertion Loss (dB)	0.3 dB typical	0.5 dB typical
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
Splice Connector Material	Metal	Metal
Mounting time	< 5min	< 5min

Ordering Information

Valdor Impact Mount[®] Field Termination Kit is required.

<u>P/N</u>	<u>Description</u>
130-1001	Service Enclosure
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

Technical Information

Please contact our office at:

Tel: (510) 293-1212

Fax: (510) 293-9996

E-mail: sales@valdor.com