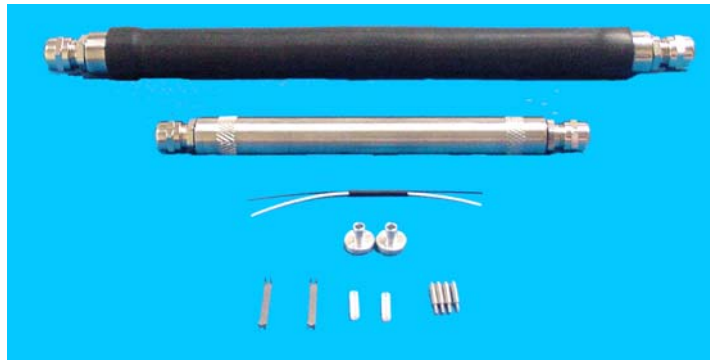


Rigid and Flexible Omega Enclosure with SP Miniature Connector

**Rigid and Flexible Omega Enclosure
with
SP Miniature Connector Kit**
For multimode and single-mode applications

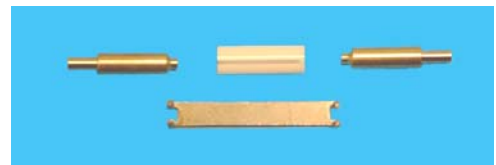


Features and Benefits

- Mechanical miniature splice connector
- No epoxy / index matching gel
- For multiple fiber cable connections (1 to 48)
- 1x2 cable fan-out option
- Ideal for cable repair, extension and cable joining
- Ability to reopen for servicing
- For space restricted panel applications
- Fully sealed and water-tight
- All mechanical, no electricity required
- Green technology - no hazardous fumes
- Field installable and user-friendly (5-minute installation per connection)
- Ideal for harsh environment and high temperature applications
- Maintain stable readings with little variation
- Accommodate standard fusion splices

Applications

- Mining
- Oil exploration
- Data / Telecom
- FTTx
- Broadcast
- Security equipment
- Aerospace / Military
- Industrial



SP Miniature Connector Kit

Impact Mount[®] Technology Concept

The mounting process is accomplished in 3 easy steps:

1. Impact Mount[®] tool dynamically compresses the metal ferrule tip around the fiber.
2. Crimp buffer at the rear of the connector.
3. Polish end of ferrule within 20 seconds.

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

Ordering Information

Valdor Impact Mount[®] Field Installable Kit, Accessory Package and Omega Tools are required for installation.

Rigid and Flexible Omega Enclosures

Model#: 128-OExxxx

Model #	Cable Range mm(inch)	Flex Housing O.D. (inch)	Fiber # sm/mm	Model #	Cable Range mm (inch)	Flex Housing O.D. (inch)	Fiber # sm/mm
OE0001	1.0–5.0mm (0.04”–0.20”)	3/5” (Rigid)	(1)	OE0012	16.0–25.0mm (0.63”–0.98”)	1.2”	(12)
OE0002	2.0–6.5mm (0.08”–0.25”)	3/5”	(1)	OE0013	8.0–14.0mm (0.32”–0.55”)	1.5”	(6)
OE0003	4.0–10.0mm (0.16”–0.40”)	1.1”	(2)	OE0014	8.0–14.0mm (0.32”–0.55”)	1.5”	(12)
OE0004	4.0–10.0mm (0.16”–0.40”)	1.1”	(4)	OE0015	8.0–14.0mm (0.32”–0.55”)	1.5”	(24)
OE0005	4.0–10.0mm (0.16”–0.40”)	1.1”	(6)	OE0016	8.0–14.0mm (0.32”–0.55”)	2.0”	(6)
OE0006	4.0–10.0mm (0.16”–0.40”)	1.2”	(4)	OE0017	8.0–14.0mm (0.32”–0.55”)	2.0”	(12)
OE0007	4.0–10.0mm (0.16”–0.40”)	1.2”	(2)	OE0018	8.0–14.0mm (0.32”–0.55”)	2.0”	(24)
OE0008	4.0–10.0mm (0.16”–0.40”)	1.2”	(4)	OE0019	16.0–25.0mm (0.32”–0.55”)	2.0”	(48)
OE0009	4.0–10.0mm (0.16”–0.40”)	1.2”	(6)	OE0020	16.0–25.0mm (0.63”–0.98”)	1.2”	(6)
OE0010	4.0–10.0mm (0.16”–0.40”)	1.2”	(6)	OE0021	8.0–14.0mm (0.32”–0.55”)	1.2”	(12)
OE0011	4.0–10.0mm (0.16”–0.40”)	1.2”	(12)	OE0022	2.0–6.5mm (0.08”–0.25”)	1.2”	(6)

Note: Enclosures include Housing, Cable Sleeve, SP Connector, Cartridge, Vibration Damper, Fan-out option.

Please contact Valdor for pricing and ordering information for complete Omega kits and custom enclosures.

Impact Mount[®] SP Miniature Connector Kit

Performance Specifications

PN: 190-A125

PN: 191-A125

SP Miniature Connector for both multimode and single-mode applications	Multimode	Single-mode
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

Note: Kit includes 2 ferrules and 1 C-sleeve.

Technical Information

Please contact Valdor at:

Tel: (510) 293-1212 Fax: (510) 293-9996 E-mail: sales@valdor.com www.sales@valdor.com