

Impact Mount® Field Termination Universal Hand Tool Kits

IMT Universal Field Termination Kit

Valdor's IMT Universal Field Termination Hand Tool kit is based on the Company's patented and proven Impact Mount® Technology (IMT). This Field Termination Hand Tool Kit uses all-positive-stop mechanical tools. No oven or power source is required. The IMT offers consistent, repeatable termination results with high yields. Only one hand tool is required for all connector types by simply interchanging the proper inserts and removable alignment slides (RAS).

The simple tool-driven design of the IMT Termination Hand Tool makes training and installation quick and easy. Valdor offers an exclusive line of field installable connectors with this kit. Connector types include: LC, ST, SC, FC, SMA, and SP miniature connectors for Omega and Service Enclosures. Both multimode and single-mode are available. Valdor's IMT connectors offer stable readings with little variation over time even under harsh environments.

Impact Mount® Technology Concept

The mounting process is accomplished in three 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.

Impact Mount is a registered trademark of Valdor
ST is a registered trademark of AT&T

Universal Hand Tool with inserts and RAS



Features

- All-positive-stop mechanical tools
- Easy steps, repeatable results
- Field installable
- Fast training, user-friendly
- Quick and simple installation
- NO epoxy or index matching gel
- NO oven or electricity is needed
- Stable readings with little variation even in harsh environments
- Long-term usage, minimal replacement
- Achieve factory-polish in the field within seconds

Applications

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

Ordering Information

Standard Valdor component part numbers are specified below with appropriate part number options. If you require devices different than standard devices, please contact our sales offices for ordering.

IMT Universal Field Termination Kits	Part Number
LC Universal Basic Hand Tool Kit	195 -1417
LC/SC Universal Basic Hand Tool Kit	195-1418
SP Universal Basic Hand Tool Kit	195 -1411
ST/SC Universal Basic Hand Tool Kit	195 -1412
ST/SC/SP Universal Basic Hand Tool Kit	195 -1413
FC Universal Basic Hand Tool Kit	195 -1416
SMA Universal Basic Hand Tool Kit (1.2mm cone)	195 -1414
SMA Universal Basic Hand Tool Kit (1.7mm cone)	195 -1414-1
Accessory Packages	544-9999-x (SP, ST/SC, ST/SC/SP, FC)
	544-8888-x (SMA), 544-7777-x (LC, LC/SC)
Optional: Fiberscope 200X	544-1090
Fiber Clean	544-5010
Pocket Fault Locator	544-5020

Basic Termination Kit includes:

- IMT Universal Hand Tool
- Removable Alignment Slide (RAS) options
 - a. 2.5 mm ferrule - ST, SC , FC, SP
 - b. 1.25 mm ferrule - LC
 - c. 3 mm ferrule - SMA
 - d. 1.60 mm ferrule – CUS
- Insert options
 - ST, SC , FC, SP, LC, SMA or CUS
- Buffer Crimp Tool options
 - a. ST, SC , FC
 - b. LC, SP
 - c. SMA
 - d. CUS
- Instruction Manual
- Storage Case - compact or rugged

Accessory Package Includes:

Buffer Tools

- Cable Cutter/ Stripper
- Buffer Stripper

Cable Kevlar Tools

- Universal Kevlar Crimp Tool, LC or SMA type
- Kevlar Scissors

Polishing Kit

- Fiber Scribe
- Polishing Disc (1.25, 2.5 or 3mm)
- Polishing Pad
- Polishing Films (12, 3 & 0.3 μ)
- Polishing Kit Case

For sales and technical information

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