

Termination and Crimping Tools

SDE – Standard Die Envelope



The Standard Die Envelope (SDE) is a new approach to crimp die interchangeability. This flexibility in die options provides the capability to crimp a large variety of product types and wire sizes while using multiple application platforms from manual hand tools and electrical bench terminators to a portable battery-powered unit.

If we don't offer the die you need, our Custom Crimp Die Design service will design one to your custom requirements.

PRO-CRIMPER III Hand Tool

- Exceptional quality and crimp performance at an affordable price
- Compatible with all SDE dies, with enhanced ergonomics, providing a thinner, more comfortable handle profile
- Precision stamping techniques permit close tolerance controls on critical parts



PRO-CRIMPER Tools & SDE Dies / Open Barrel	AWG	PN
PRO-CRIMPER Frame w/o Dies		354940-1
PRO-CRIMPER Assembly, Multimate III+	28-16	58495-1
SDE Die Set, Multimate III+	28-16	58495-2
PRO-CRIMPER Assembly, AMPLIMITE 20 DF	28-20	58448-2
SDE Die Set, AMPLIMITE 20 DF	28-20	58448-3
PRO-CRIMPER Assembly, CST-100	26-22	58517-1
SDE Die Set, CST-100	26-22	58517-2
PRO-CRIMPER Assembly, Superseal 1.5 SER	0.5-1.5mm	58583-1
PRO-CRIMPER Assembly, AMPLIMITE 22 DF	28-22	90800-1
SDE Die Set, AMPLIMITE 22 DF	28-22	90800-2
PRO-CRIMPER Assembly, Univ MNL	20-14 <.130"	90546-1
SDE Die Set, UMNL	20-14 <.130"	90546-2
PRO-CRIMPER Assembly, Univ MNL	20-14 >.130"	90547-1
PRO-CRIMPER Assembly, Univ MNL	24-18	90548-1
SDE Die Set, Univ MNL	24-18	90548-2
PRO-CRIMPER Assembly, Mini Univ MNL	22-18	90759-1

Battery Crimp Tool Kit, 1725837-1



- Compatible with all SDE dies
- Terminates wire range of 6-.03mm² (10-22 AWG)
- Portable, 1.57kg (3.46lb) w/battery
- Kit includes tool, 2 batteries & charger (approx. 100 crimps per charge)



SDE Electric Terminator, 1490076-2

- Compatible with all SDE dies
- Terminates wire range of 6-10 AWG
- Small footprint - 390 x 260 x 220mm (15.5 x 10 x 8.); 13kg (29 lb)
- Foot actuated; Jog cycle; includes crimp adjustment



6-26 Pneumatic Tool System

- Pneumatic powered; providing the ultimate in wire range flexibility
- Includes a jaw adapter compatible with SDE dies
- Available in hand or foot actuated versions, with ratchet control
- Also available in a number of integral die options that terminate up to #6 SOLISTRAND terminals



Pneumatic Power Assist Tools	PN
Hand Actuated, 6-26 Power Unit	189721-1
Foot Actuated, 6-26 Power Unit	189722-1
Large Tool Holder	356302-1
SDE Die Set Adapter	679304-1

PRO-CRIMPER Tools & SDE Dies / Coax	PN
PRO-CRIMPER Assembly, BNC TNC	318450-1
SDE Die Set, BNC TNC	318450-2
PRO-CRIMPER Assy, RG 58/59 O Commercial	58433-1
SDE Die Set, RG 58/59 O Commercial	58435-1
PRO-CRIMPER Assembly, RG 58/59 Hex	58433-2
SDE Die Set, RG 58/59 Hex	58436-1
PRO-CRIMPER Assy, Coax	58531-3
SDE Die Set, Coax	58425-3
SDE Die Set, 151/178x068 Hex	58436-3
SDE Die Set, 75 Ohm RF Series BNC	58536-1
SDE Die Set, Premium Fiber Optic	91900-1
PRO-CRIMPER Tools & SDE Dies / PIDG	
PRO-CRIMPER Assembly, 22-10	58433-3
SDE Die Set, 22-10	58423-1
PRO-CRIMPER Tools & SDE Dies / SOLISTRAND	
PRO-CRIMPER Assy, 22-10 SOLISTRAND	58546-1
SDE Die Set, 22-10 SOLISTRAND	58545-1

Telco Products Termination Tools

Tel-Splice Pliers, 790162-1

- Works with all Tel-splice part numbers
- Rounded nose won't snag on wires
- Wire cutter built into side
- Spring loaded handles
- Non-spring loaded version, 231839-1



Tel-Splice Applicator Kit, 1583100-1 (includes 2- and 3-wire applicators)

- Single-handed operation
- Uses ultrasonically welded connector strips
- Automatically cuts connector from strip and feeds next connector
- Durable, lightweight design
- Part number 1490017-1 (2-wire applicator)
- Part number 1490018-1 (3-wire applicator)

Butterfly Tool, 229378-1 (50 pos), 231880-1 (64 pos)

- Mass terminates and shears all wires in a single operation
- Portable, comes with carrying case
- Base can be bench mounted
- Used for CHAMP connectors



Testers

Tone Tracer, 1490533-1

- Permits wire and cable identification without direct metallic contact
- Ergonomic design
- Can be used with any tone generator
- Quick change tips available



Tone Generator, 1490531-1

- Three built-in tones
- Auto-off
- Separate talk battery for increased voltage and power for test sets
- Modular jack allows multiple cord sets to be used for different applications



Tone Tracer / Generator Kit, 1673606-1



4-Pair Tester, 1490530-1

- Test for opens, shorts, mis-wires, reversals, and split pairs
- Auto-on/auto-off
- Battery low indicator



Butt Set, 1490532-1

- LCD display shows: on-hook voltage, number dialed, off-hook current, called ID, stored numbers, etc.
- Tone and pulse dialing
- Modular cord set attachment
- Auto-off



All Purpose Tools

Cable Tie Gun, 734587-1

- For cable ties 2.2 - 4.8 mm
- Thickness up to 1.6 mm
- Automatic cut-off
- Adjustable tension setting



Raceway Cutting Tool, 1375479-1

- Cuts surface mount raceway to length
- Cut PVC tubing up to 1.25" in diameter



BNC Connector Removal Tool, 1725122-1

F Connector Removal Tool, 1725123-1

- For security system use
- Remove BNC/F connectors in high density or hard-to-reach locations



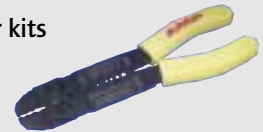
4-Way Indent Tool, 1490492-1

- Full ratchet cycle
- Contact locator
- Used for closed-barrel D-Sub contacts



Small Stamped Hand Tools

- Economy Crimper
- Great for bolt cutting, wire stripping
- Convenient for tool boxes and repair kits
- SUPER CHAMP, 696201-1
- Service Tool, 696202-1
- SUPER CHAMP IV, 696125-1
- SUPER CHAMP, 696126-1



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AMP

AMP
NETCONNECT

Wire & Cable Cutting Tools

Diagonal Cutters, 1116571-1

- Cut wires flush
- Spring loaded handles

Group Cutter, 1490498-1

- Ideal for cutting cable up to 2/0
- Also cuts coax cable up to RG-9

350 MCM Cutter, 605744-1

- Steel handles
- Not for steel or ACSR cable

500 MCM Cutter, 605742-1

- 21" overall length
- Fiberglass handles
- Not for steel or ACSR cable



Ratcheted Cable Cutter, 607453-2

- Great for copper and aluminum cable up to 1.5"
- Fiberglass handles
- Not for steel or ACSR cable

Ratcheted Cable Cutter - Compact, 1490489-1

- Ratchet mechanism keeps handle force low
- Handles lock together for safety/storage
- Compact design for easy fit into tight places
- Quick release lever for easy take-up



Wire & Cable Stripping Tools — Standards:

Economy Wire Stripper and Cutter, 1490491-1

- Strips 10-24 AWG
- Adjustable to any of 8 wire sizes

Coax Stripper, 1490490-1

- 3 blades designed to strip RTG-6, 58, 59 cable in one step
- Replaceable blade cartridges

Cyclops Cable Stripper, 1375317-1

- Outer sheath stripper
- Automatically adjusts to different cable thicknesses
- Works on cable diameters up to 11mm



Rotary Cable Stripper, 606700-1

- Round cable tool can be used on single or multiple conductor cable up to 1.75" in diameter

Automatic Wire Stripper, 734185-1

- Strips PVC, THHN, and THHW
- Adjustable wire stop
- Built-in cutter



Wire & Cable Stripping Tools — Premiums:

Cable Stripping Tool, 2-1579002-4

Spare Blade, 7-1579005-4

- Fine adjustability and repeatability assured by 9-position adjustment wheel
- Flexible: Strips the sheath from most multi-core and fiber optic cables up to 11mm/0.43" in diameter
- Tough: Manufactured from a new impact resistant nylon.
- Replaceable blade cassette available



Automatic Wire Stripper

- Easy change stripping blade cassettes
- Cuts and strips up to 10mm² / 34-8 AWG
- Strips PVC, THHN, THHW and TEFLON



Rotary Cable Stripping Tool, 2-1579002-5

Spare Blade, 7-1579005-5

- End Strip (circular + straight + spiral)
- Window strip (circular + spiral + circular strip)
- 4,5-40 mm [0.18" - 1.57"] diameter
- Interchangeable cable guide hooks



Tool	Description	Spare Blades
2-1579002-1	Std. Ver. 0.02-10mm ² [34-8 AWG] - Parallel blade	7-1579005-1
2-1579002-2	Teflon Ver. 0.02-4.0mm ² [28-12 AWG] - V-blade	7-1579005-2
2-1579002-3	Version 16mm ² [6 AWG] - Form blade	7-1579005-3

SL Series 110 Jack Termination Tool

Tool Kit, 1725150-1

- ▶ Kit consists of Tool Assembly (1725080-1) and Lacing Fixture (1673956-1)
- ▶ Termination tool for SL Series Jacks. Simplifies the termination process, especially for Category 6 jacks (tool can be used for Cat3 - Cat 5 jacks). Terminates and cuts all 8 conductors at once. Simplifies lacing process and speeds up terminations.
- ▶ Time savings will create substantial cost savings. Ability to maintain consistent termination will increase system performance, reduce troubleshooting and re-terminations. Greatly simplifies Category 6 terminations as pairs are easily placed in a lacing fixture, maintaining twisted pair integrity with one step termination and wire cutting.
- ▶ Built-in cable stripper



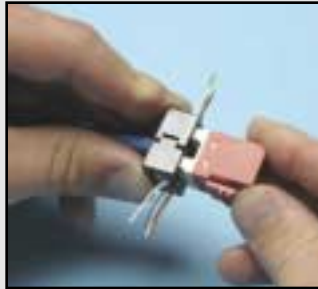
Easy Step-By-Step Process



Cable Stripping



Wire Lacing



Inserting Connector



Terminate and Cut

Category 6 Mod Plug Termination Tool

- ▶ Termination of Category 6 Modular Plug Style Connectors, using AMP PRO-CRIMPER Hand Tool System. Allows one step process to crimp all conductor and integrated shell.
- P/N 790163-1 Termination Tool w/Die
P/N 790163-2 Die Only
P/N 354940-1 PRO-CRIMPER Tool Only



610XC Four-Pair Punch Down Tool

Termination Tool, 1725062-1

- ▶ Punch Down Tool for 4-pair telecommunication distribution system. Developed for latest 110 style connectors to accommodate Cat 6 performance levels.



Undercarpet Splice & Tap Termination

Termination Tool, 91384-1

- ▶ Safe termination of both splices and taps
- ▶ Designed to fit underneath the flat conductors for reliable termination using the AMP PRO-CRIMPER Hand Tool System
- ▶ Very low handle force
- ▶ Positive handle releases for repeatable crimps



Impact Tools

Impact Tool

- Non-slip rubber grips on handle
- Blade storage in rear of tool
- Adjustable Hi/Lo Impact setting
- Accepts all Twist and Lock blades



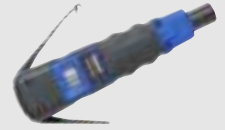
	Tool w/110 blade	Tool w/66/110 combination blade	Tool w/66 blade
Impact	1583608-1	N/A	1583608-3
Pro Impact	1375308-1	1375308-4	1375308-3
Non-Impact	1583236-1	N/A	1583236-3

Replacement Blades

Standard 110 Blade	1583609-1
Standard 66 Blade	1583609-2
Premium 110 Blade	1375309-1
Premium 66/110 Blade	1375310-1
Premium 66 Blade	1725872-1

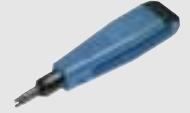
Pro Impact Tool

- Hook and spudger
- Non-slip rubber grips on handle
- Blade storage in rear of tool
- Adjustable Hi/Lo impact setting
- Accepts all Twist and Lock blades



Non-Impact Tool

- Rubber palm grip
- Blade storage area in side of tool
- Accepts all Twist and Lock blades



Palm Grip Tool, 569949-1

- Fits comfortably into one hand
- Holds one 110 Connect Jack, one SL Series 110 Connect Jack, or ACO 110 Card Edge Connector for termination



Pro-Installer Twisted Pair Tool Kit, 1375307-1

Includes:

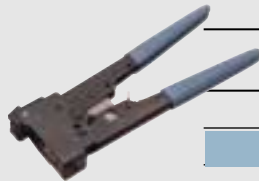
- Installer's knife
- Pro Impact Tool with extended-life blade (1375308-1)
- Shears
- Pouch



Termination and Crimping Tools

Modular Plug Professional Tool

- Low handle force
- Terminates both strain reliefs and inserts contacts in one motion
- Cuts, strips and terminates
- Ratchet control insures complete termination cycle
- Interchangeable die sets terminate all plugs except 10-position
- AMP plugs are UL approved when terminated using this tool and the procedures outlined in IS 408-9767



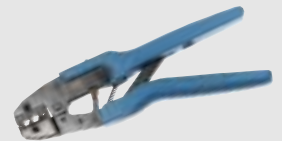
Plug Style	Die Set*	Hand Tool and Die Set Combo**
4- and 6-Position Line	853400-8	2-231652-8
8-Position, Category 3	853400-1	2-231652-1
4-Position Handset	853400-3	2-231652-3
6-Position Long Body	853400-7	2-231652-7
6-Position Offset	853400-6	2-231652-6
8-Pos High Performance, Category 5	1-853400-0	3-231652-0
Frame Only		2-231652-0

* If purchased separately, ** With tooling included

Ratcheted Crimp Tools

	Tool w/die	Replaceable Die Sets
RBV Terminals	1490496-2	1583108-1
Coax Terminals	1490496-3	1583108-2

- Interchangeable with Ideal dies
- Ratchet release lever
- Easy clean plastic handles
- Ratcheted Crimp Tool Frame Only, 1490496-1



PRO-CRIMPER II Hand Tool and Die Sets

- External Strain Relief Clamp Die Sets and Tool are for use with the External Strain Relief Clamp or 8-position Category 3, 5 and 5e Modular Plugs only
- Category 6 Modular Plug Die Set and Tool crimps both the Strain Relief and the Modular Plug contacts at the same time



➤ PRO-CRIMPER II Hand Tool Frame		354940-1
Category 6 Modular Plug	Hand Tool and Die Set	790163-1
	Die Set Only	790163-2
External Strain Relief Clamp	Hand Tool and Die Set	224928-1
	Die Set Only	224928-2
10-Position Modular Plug	Hand Tool and Die Set	58560-1
	Die Set Only	58560-2