



## *Tooling Solutions for Networking, Residential Cabling, Security and Telecommunications*



 **Tyco Electronics**  
Our commitment. Your advantage.

## 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 - 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 — Standard

### 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



Economy Wire Stripper and Cutter, 1490491-1

Need More Information?

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Catalog 1654026  
Revised 02-2009

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## Wire & Cable Stripping Tools — Premium

### 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



### 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



### Automatic Wire Stripper

- Easy change stripping blade cassettes
- Cuts and strips up to 10mm<sup>2</sup> / 34-8 AWG
- Strips PVC, THHN, THHW and TEFLON



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

## 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



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## SL Series 110 Jack Termination Tool

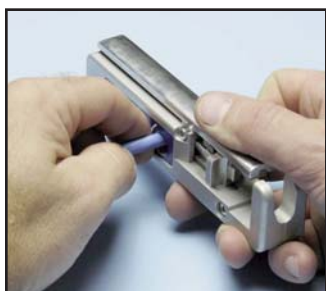
### Tool Kit, 1725150-1

- 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 (replacement blades are available, order PN 231764-2, MOQ of 20)

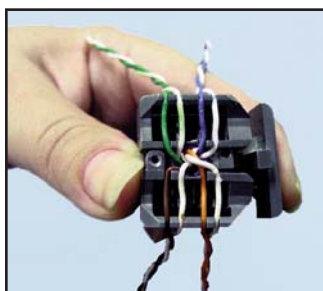


### An Easy Step-By-Step Process

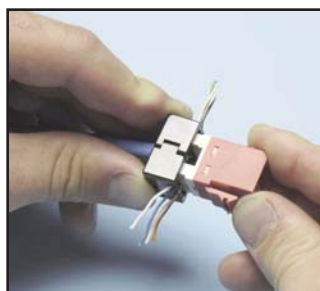
(View the video on-line at [tooling.tycoelectronics.com/video/SLSeries\\_demo.wmv](http://tooling.tycoelectronics.com/video/SLSeries_demo.wmv))



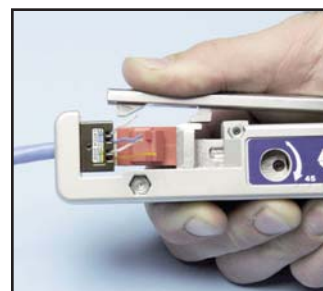
Cable Stripping



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 Frame Only



## 610XC Four-Pair Punch Down Tool

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

P/N 1725062-1 Termination Tool



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## 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



### 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



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

### Non-Impact Tool

- Rubber palm grip
- Blade storage area in side of tool
- 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

### Pro-Installer Twisted Pair Tool Kit, 1375307-1

Includes:

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



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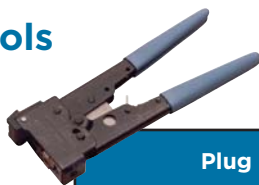
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## Termination and Crimping Tools

### 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

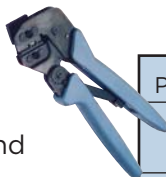


Plug Style	Die Set*	Hand Tool and Die Set Combo**
4- and 6-Position Line	853400-8	2-231652-8
8-Position, Category 3	853400-1	2-231652-1
4-Position Handset	853400-3	2-231652-3
6-Position Long Body	853400-7	2-231652-7
6-Position Offset	853400-6	2-231652-6
8-Pos High Performance, Cat 5 Frame Only (2-231652-0)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

\* If purchased separately, \*\* With tooling included

### 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 Plug 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 Hand Tool and Die Set	790163-1
Modular Plug Die Set Only	790163-2
External Strain Relief Clamp Hand Tool and Die Set	224928-1
Die Set Only	224928-2
10-Position Hand Tool and Die Set	58560-1
Modular Plug Die Set Only	58560-2

### Undercarpet Splice & Tap Termination Tool, 91392-1

- 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



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## 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



## 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 handle
- Non-spring loaded version, 231839-1



### 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



### 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)



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## Standard Die Envelope (SDE) System

The SDE System 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.

### PRO-CRIMPER III Hand Tool

- Exceptional quality and 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



### Battery Crimp Tool Kit, 1725837-1

- Compatible with all SDE dies
- Terminates wire range of 6-.03mm<sup>2</sup> (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 / PIDG		PN
SDE Premium, UL-PIDG, 22-10		2063030-1
PRO-CRIMPER Assembly, 22-10		58433-3
SDE Die Set, 22-10		58423-1
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 / SOLISTRAND		PN
PRO-CRIMPER Assy, 22-10 SOLISTRAND		58546-1
SDE Die Set, 22-10 SOLISTRAND		58545-1
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

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