



## 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



Economy Wire Stripper and Cutter, 1490491-1

## 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



Need More Information?

For information about tooling, call 1-800-522-6752  
or e-mail [toolsales@tycoelectronics.com](mailto:toolsales@tycoelectronics.com).

Catalog 1654026  
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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



### 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



### Raceway Cutting Tool, 1375479-1

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



### 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)

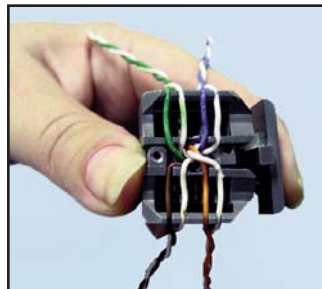


### An Easy Step-By-Step Process

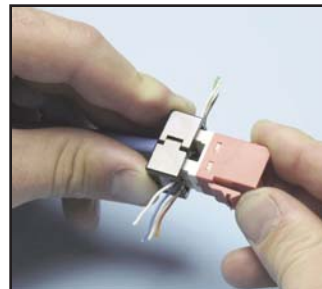
(View the video on-line at [tooling.tycoelectronics.com/video/SLSeries\\_demo.wmv](http://tooling.tycoelectronics.com/video/SLSeries_demo.wmv))



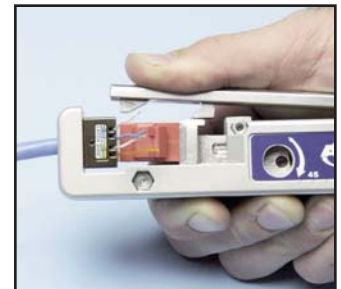
Cable Stripping



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



### Non-Impact Tool

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

|            | 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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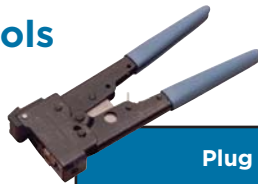
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## Termination and Crimping Tools

### 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

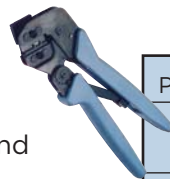


| Plug Style   | Die Set*   | Hand Tool and Die Set Combo** |
|--|------------|-------------------------------|
| 4- and 6-Position Line                                   | 853400-8   | 2-231652-8                    |
| 8-Position, Category 3                                   | 853400-1   | 2-231652-1                    |
| 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<br>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 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  |

### 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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Tyco Electronics Corporation, Harrisburg, PA 17105, Phone: 717-564-0100