



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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



## 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

### JackKnack Telecomm Cable Prep Tool, 2119000-1

- Cable jacket stripper
- Cable filler shear
- JackKnack clamp
- Wire placement tool



### 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).

## 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 231674-2, MOQ of 20)

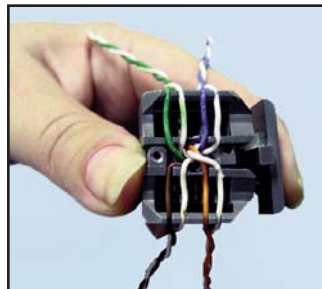


### An Easy Step-By-Step Process

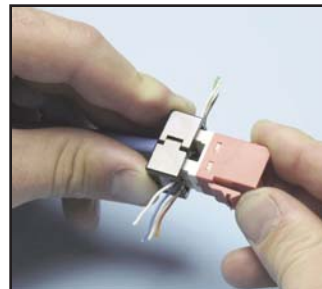
(View the video on-line at [tooling.tycoelectronics.com/video/SLSeries\\_demo.wmv](http://tooling.tycoelectronics.com/video/SLSeries_demo.wmv))



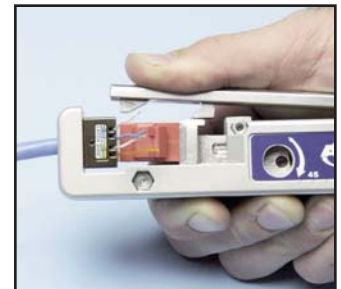
Cable Stripping



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



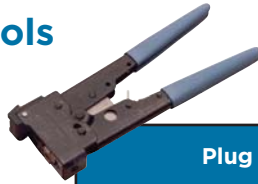
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## Termination and Crimping Tools

### 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

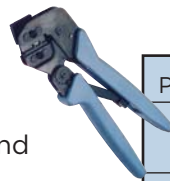


Plug Style	Die Set*	Hand Tool and Die Set Combo**
4- and 6-Position Line	853400-8	2-231652-8
8-Position, Category 3	853400-1	2-231652-1
4-Position Handset	853400-3	2-231652-3
6-Position Long Body	853400-7	2-231652-7
6-Position Offset	853400-6	2-231652-6
8-Pos High Performance, Cat 5 Frame Only (2-231652-0)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