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

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

JacKnack Telecomm Cable Prep Tool, 2119000-1
- Cable jacket stripper
- Cable filler sheer
- JacKnack 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.
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

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

<table>
<thead>
<tr>
<th>Tool</th>
<th>Description</th>
<th>Spare Blades</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-1579002-1</td>
<td>Std. Ver. 0.02-10mm² [34-8 AWG] - Parallel blade</td>
<td>7-1579005-1</td>
</tr>
<tr>
<td>2-1579002-2</td>
<td>Teflon Ver. 0.02-4.0mm² [28-12 AWG] - V-blade</td>
<td>7-1579005-2</td>
</tr>
<tr>
<td>2-1579002-3</td>
<td>Version 16mm² [6 AWG] - Form blade</td>
<td>7-1579005-3</td>
</tr>
</tbody>
</table>

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

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

F Connector Removal Tool, 1725123-1

4-Way Indent Tool, 1490492-1
- Full ratchet cycle
- Contact locator
- Used for closed-barrel D-Sub contacts

Need More Information? For information about tooling, call 1-800-522-6752 or e-mail toolsales@tycoelectronics.com.
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 - Cat5 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)

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 crimper 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

Need More Information? For information about tooling, call 1-800-522-6752 or e-mail toolsales@tycoelectronics.com.
**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

<table>
<thead>
<tr>
<th>Replacement Blades</th>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Standard 110 Blade</td>
<td>1583609-1</td>
<td></td>
</tr>
<tr>
<td>Standard 66 Blade</td>
<td>1583609-2</td>
<td></td>
</tr>
<tr>
<td>Premium 110 Blade</td>
<td>1375309-1</td>
<td></td>
</tr>
<tr>
<td>Premium 66/110 Blade</td>
<td>1375310-1</td>
<td></td>
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<tr>
<td>Premium 66 Blade</td>
<td>1725872-1</td>
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</table>

<table>
<thead>
<tr>
<th>Tool w/110 blade</th>
<th>Tool w/66/110 combination blade</th>
<th>Tool w/66 blade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impact</td>
<td>1583608-1</td>
<td>N/A</td>
</tr>
<tr>
<td>Pro Impact</td>
<td>1375308-1</td>
<td>1375308-4</td>
</tr>
<tr>
<td>Non-Impact</td>
<td>1583236-1</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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

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

For more information, contact your Tyco Electronics sales engineer or call the Technical Support Center: 1-800-522-6752. Dimensions are in millimeters unless specified otherwise. Values in brackets are English equivalents unless specified otherwise. Specifications subject to change. Consult Tyco Electronics for latest specifications.
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

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

* If purchased separately, ** With tooling included

PRO-CRIMP 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

<table>
<thead>
<tr>
<th>PRO-CRIMP II Hand Tool Frame</th>
<th>354940-1</th>
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</thead>
<tbody>
<tr>
<td>Category 6 Modular Plug</td>
<td></td>
</tr>
<tr>
<td>Hand Tool and Die Set</td>
<td>790163-1</td>
</tr>
<tr>
<td>Die Set Only</td>
<td>790163-2</td>
</tr>
<tr>
<td>External Strain Relief Clamp</td>
<td></td>
</tr>
<tr>
<td>Hand Tool and Die Set</td>
<td>224928-1</td>
</tr>
<tr>
<td>Die Set Only</td>
<td>224928-2</td>
</tr>
<tr>
<td>10-Position Modular Plug</td>
<td></td>
</tr>
<tr>
<td>Hand Tool and Die Set</td>
<td>58560-1</td>
</tr>
<tr>
<td>Die Set Only</td>
<td>58560-2</td>
</tr>
</tbody>
</table>

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-CRIMP II Hand Tool System
- Very low handle force
- Positive handle releases for repeatable crimps

Need More Information?
For information about tooling, call 1-800-522-6752 or e-mail toolsales@tycoelectronics.com.
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)
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-.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

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**Pneumatic Power Assist Tools**

<table>
<thead>
<tr>
<th>Tools</th>
<th>PN</th>
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<tbody>
<tr>
<td>Hand Actuated, 6-26 Power Unit</td>
<td>189721-1</td>
</tr>
<tr>
<td>Foot Actuated, 6-26 Power Unit</td>
<td>189722-1</td>
</tr>
<tr>
<td>Large Tool Holder</td>
<td>586302-1</td>
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<tr>
<td>SDE Die Set Adapter</td>
<td>679304-1</td>
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</table>

**PRO-CRIMPER Tools & SDE Dies / PIDG**

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<th>Tools</th>
<th>PN</th>
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<tr>
<td>SDE Premium, UL-PIDG, 22-10</td>
<td>2063030-1</td>
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<tr>
<td>PRO-CRIMPER Assembly, 22-10</td>
<td>58433-3</td>
</tr>
<tr>
<td>SDE Die Set, 22-10</td>
<td>58423-1</td>
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**PRO-CRIMPER Tools & SDE Dies / Coax**

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<th>Tools</th>
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<tr>
<td>PRO-CRIMPER Assembly, BNC, TNC</td>
<td>318450-1</td>
</tr>
<tr>
<td>SDE Die Set, BNC, TNC</td>
<td>318450-2</td>
</tr>
<tr>
<td>PRO-CRIMPER Assy, RG 58/59 O Commercial</td>
<td>58433-1</td>
</tr>
<tr>
<td>SDE Die Set, RG 58/59 O Commercial</td>
<td>58435-1</td>
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<tr>
<td>PRO-CRIMPER Assembly, RG 58/59 Hex</td>
<td>58433-2</td>
</tr>
<tr>
<td>SDE Die Set, RG 58/59 Hex</td>
<td>58436-1</td>
</tr>
<tr>
<td>PRO-CRIMPER Assy, Coax</td>
<td>58533-1</td>
</tr>
<tr>
<td>SDE Die Set, Coax</td>
<td>58425-1</td>
</tr>
<tr>
<td>SDE Die Set, 151/178x068 Hex</td>
<td>58436-1</td>
</tr>
<tr>
<td>SDE Die Set, 75 Ohm RF Series BNC</td>
<td>58536-1</td>
</tr>
<tr>
<td>SDE Die Set, Premium Fiber Optic</td>
<td>91900-1</td>
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</table>

**PRO-CRIMPER Tools & SDE Dies / SOLISTRAND**

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<thead>
<tr>
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<tbody>
<tr>
<td>PRO-CRIMPER Assy, 22-10 SOLISTRAND</td>
<td>58546-1</td>
</tr>
<tr>
<td>SDE Die Set, 22-10 SOLISTRAND</td>
<td>58545-1</td>
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**PRO-CRIMPER Tools & SDE Dies / Open Barrel AWG**

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<th>Tools</th>
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</thead>
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<td>PRO-CRIMPER Frame w/o Dies</td>
<td>354940-1</td>
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<tr>
<td>PRO-CRIMPER Assembly, Multimate III+</td>
<td>28-16</td>
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<tr>
<td>SDE Die Set, Multimate III+</td>
<td>28-16</td>
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<tr>
<td>PRO-CRIMPER Assembly, AMPLIMITE 20 DF</td>
<td>28-20</td>
</tr>
<tr>
<td>SDE Die Set, AMPLIMITE 20 DF</td>
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<tr>
<td>PRO-CRIMPER Assembly, CST-100</td>
<td>26-22</td>
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<tr>
<td>SDE Die Set, CST-100</td>
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<tr>
<td>PRO-CRIMPER Assembly, Supereal I.S SER</td>
<td>0.5-1.5mm</td>
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<tr>
<td>SDE Die Set, Supereal I.S SER</td>
<td>0.5-1.5mm</td>
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<td>PRO-CRIMPER Assembly, AMPLIMITE 22 DF</td>
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<tr>
<td>SDE Die Set, AMPLIMITE 22 DF</td>
<td>28-22</td>
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<tr>
<td>PRO-CRIMPER Assembly, Univ MNL</td>
<td>20-14 &lt;130°</td>
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<tr>
<td>SDE Die Set, Univ MNL</td>
<td>20-14 &lt;130°</td>
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<td>PRO-CRIMPER Assembly, Univ MNL</td>
<td>20-14 &gt;130°</td>
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<td>SDE Die Set, Univ MNL</td>
<td>24-18</td>
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<tr>
<td>PRO-CRIMPER Assembly, Mini Univ MNL</td>
<td>22-18</td>
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