

# **Flat Telephone Cable**

**Cutters / Strippers / Crimpers / Connectors / Testers**



**Paladin Tools / Cal-Centron**

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## Data SureStrip™

**New** This multi-purpose tool is a universal, easy-to-use cable cutter and stripper for data, telephone and network installations. It also works with standard wire and can be used with coaxial cable by adjusting the blade for various strip depths.

### Specifications

- Cuts and strips multiple cable types:
  - 4-, 6- and 8-conductor flat satin cables
  - 4-, 6- and 8-conductor UTP/STP data cables
  - 25-pair data and telephone cables
  - Multi-conductor round bundled cables with a maximum diameter of .5" (12.7 mm)
  - 14-8 AWG (2.5-75mm<sup>2</sup>) wire
- Nylon reinforced ABS plastic with stainless steel blade

### Features and Advantages

- Fully adjustable with simple thumb screw
- Self-regulating to prevent nicking
- Contoured finger grips for power cutting
- Lanyard holes for wrist straps or key chains
- Small and compact, slips right into a pocket
- One-year warranty

Technical	Weight	Length
	2 oz. (57 g)	4.53" (115 mm)

Ordering	Part Number
Data SureStrip	1116



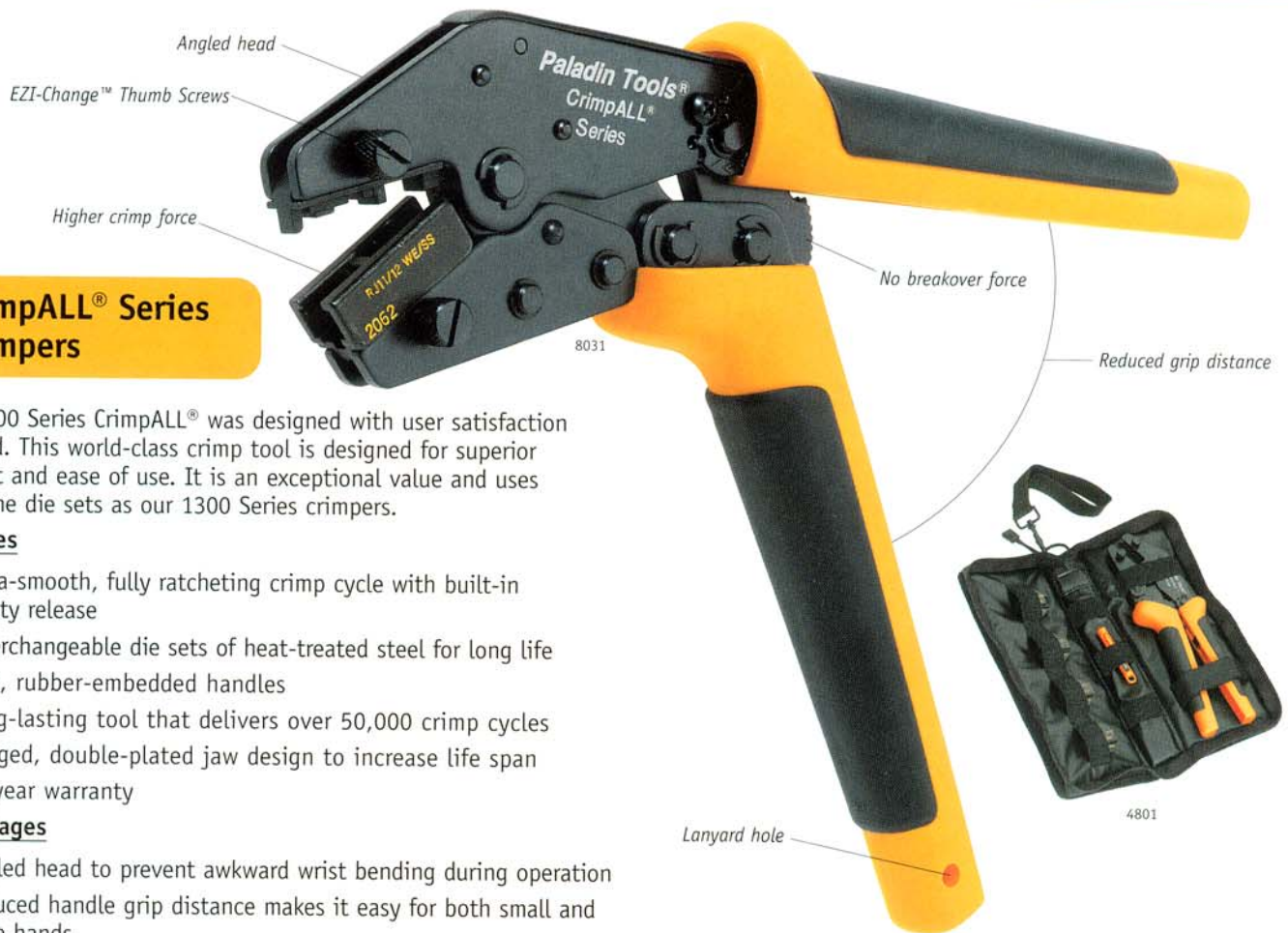
## FlatCat™ Cutter/Stripper

Cuts and strips flat satin telephone cable.

- Heat-treated tool steel
- Safety lock
- Spring-loaded handles open automatically
- Non-slip grip handles
- One-year warranty

Technical	Weight	Length
	6 oz. (171 g)	6" (152.4 mm)

Ordering	Part Number
FlatCat™ cutter/stripper	1160



## CrimpALL® Series Crimpers

The 8000 Series CrimpALL® was designed with user satisfaction in mind. This world-class crimp tool is designed for superior comfort and ease of use. It is an exceptional value and uses the same die sets as our 1300 Series crimpers.

### Features

- Ultra-smooth, fully ratcheting crimp cycle with built-in safety release
- Interchangeable die sets of heat-treated steel for long life
- Soft, rubber-embedded handles
- Long-lasting tool that delivers over 50,000 crimp cycles
- Rugged, double-plated jaw design to increase life span
- 10-year warranty

### Advantages

- Angled head to prevent awkward wrist bending during operation
- Reduced handle grip distance makes it easy for both small and large hands
- Higher crimp force produced with less hand force so hand doesn't tire as quickly
- No breakover hand force – the effort required by most crimpers to make the last click at the end of the cycle to complete the crimp – the CrimpALL® does the work!
- Manufactured using the newest fine blanking technologies
- EZI-Change™ die screws make changing dies quick and easy – no screwdriver required

Technical	Weight	Length
CrimpALL® tool frame	21 oz. (600 g)	9.84" (250 mm)
Die set	2 oz. (57 g)	

Ordering	Part number
CrimpALL® tool frame	8000
Replacement EZI-Change™ die screws (2)	2303
Replacement fixed die screws (2)	2306
Replacement handles	8000.9

Part Numbers	Description	Crimp Style (28-22 AWG/.08-.34 mm²)	Type
 <b>Tool &amp; Die: 8031</b> <b>Die Only: 2062</b>	RJ11 & RJ12 - 6P6C, 6P4C, 6P2C	Flat/Round, Solid/Stranded/ RJ11/RJ12 Unkeyed WE and SS	Western Electric (WE) Stewart Connector (SS)
 <b>Tool &amp; Die: 8032</b> <b>Die Only: 2063</b>	RJ22 Handset - 4P4C (4 Pin)	Flat/Round, Solid/Stranded/ 4 Pin Handset WE and SS	Western Electric (WE) Stewart Connector (SS)
 <b>Tool &amp; Die: 8034</b> <b>Die Only: 2065</b>	RJ11 & RJ12 - 6P6C, 6P4C, 6P2C	Flat/Round, Solid/Stranded/ RJ11/RJ12 Unkeyed AMP (Tyco)	AMP (Tyco) Inc. Connectors Only
 <b>Tool &amp; Die: 8035</b> <b>Die Only: 2067</b>	RJ11 DEC-MMJ OFFSET - 6P6C	Flat/Round, Solid/Stranded/ RJ11 DEC-MMJ Offset	AMP (Tyco) Inc. Connectors Only
 <b>Tool &amp; Die: 8036</b> <b>Die Only: 2068</b>	RJ50 - 10P10C (10 Pin)	Flat/Round, Solid/Stranded/ RJ50 Unkeyed WE and SS	Virginia Plastics (VP)

# Flat Telephone Cable Crimpers

EZI-Change™  
Thumb Screws



Ratchet gear settings

Triple-plated ratchet gear extends tool life

4300

## 1300 Series Crimpers

Paladin's 1300 Series is the original interchangeable-die crimping system— all the rest are mere copies of our innovation. It continues to be the answer for precision-crimping at an affordable price with over 45 die sets available for the most popular connectors. See crimp chart for specific connector and crimp dimensions.

### Features




- Fully-ratcheting cycle with built-in safety release
- Interchangeable die sets of heat-treated steel for long life
- Easy to use and maintain
- Available as complete tool with die set inserted or separate tool frame and individual die sets
- Foam-lined case available to hold frame and 6 die sets together
- Five-year warranty

### Advantages

- EZI-Change™ die screws make changing dies quick and easy – no screwdriver required
- Most precise and tightest tolerances on die sets in the industry
- Six ratchet gear settings for optimum crimp performance (see page for 115 for additional details)

Technical	Weight	Length
Crimp tool frame	10.4 oz (296 g)	8.9" (225 mm)
Die set		2 oz. (57 g)

Ordering	Part Number
Crimp tool frame	1302
Replacement EZI-Change™ die screws (2)	2303
Replacement fixed die screws (2)	2306
Replacement handles	1300.9
1300 crimp case	901013

Part Numbers	Description	Crimp Style (28-22 AWG/.08-.34 mm <sup>2</sup> )	Type
 <b>Tool &amp; Die: 1340</b> <b>Die Only: 2062</b>	RJ11 & RJ12 - 6P6C, 6P4C, 6P2C	Flat/Round, Solid/Stranded/ RJ11/RJ12 Unkeyed WE and SS	Western Electric (WE) Stewart Connector (SS)
 <b>Tool &amp; Die: 1341</b> <b>Die Only: 2063</b>	RJ22 Handset - 4P4C (4 Pin)	Flat/Round, Solid/Stranded/ 4 Pin Handset WE and SS	Western Electric (WE) Stewart Connector (SS)
 <b>Tool &amp; Die: 1343</b> <b>Die Only: 2065</b>	RJ11 & RJ12 - 6P6C, 6P4C, 6P2C	Flat/Round, Solid/Stranded/ RJ11/RJ12 Unkeyed AMP (Tyco)	AMP (Tyco) Inc. Connectors Only
 <b>Tool &amp; Die: 1344</b> <b>Die Only: 2067</b>	RJ11 DEC-MMJ OFFSET (6P6C)	Flat/Round, Solid/Stranded/ RJ11 DEC-MMJ Offset	AMP (Tyco) Inc. Connectors Only
 <b>Tool &amp; Die: 1345</b> <b>Die Only: 2068</b>	RJ50 - 10P10C (10 Pin)	Flat/Round, Solid/Stranded/ RJ50 Unkeyed	Virginia Plastics (VP)

NOW features soft, rubber-embedded handles for more comfort



## All-in-One Pro Telephone Tool

Does everything from CAT-3 to CAT-6! All-in-one crimping tool for Western Electric (WE)/ Stewart Stamping (SS) type and AMP (Tyco) type, 4-, 6- and 8-position modular telephone plugs, with a single tool!

- New, comfortable rubber-embedded handles with hand stops
- Smooth, ratcheted design
- Embedded cable cutter and stripper
- Crimps 4-position RJ22 handset connectors
- Crimps 4- and 6-position RJ11/RJ12 connectors
- Crimps 8-position RJ45 (non-keyed)
- Crimps 28-22 AWG (.08-.34 mm<sup>2</sup>) telephone and data cables
- Built-in safety ratchet release
- Five-year warranty

Technical	
Weight	19 oz. (525 g)
Length	8.07" (205 mm)

Ordering	Part Number
All-in-One Pro Telephone Tool (WE/SS)	1530R
All-in-One Pro Telephone Tool (AMP)	1540
Replacement blade kit	2530

## All-in-One Telephone Tool

Our best value all-in-one tool on the market! All-in-one crimping tool for Western Electric (WE)/ Stewart Stamping (SS) type and AMP (Tyco) type, 6- and 8-position modular telephone plugs.

- Ratcheted design
- Embedded cable cutter and stripper
- Crimps 6-position RJ11/RJ12 connectors
- Crimps 8-position RJ45 connectors
- Crimps 28-22 AWG (.08-.34 mm<sup>2</sup>) telephone and data cables
- One-year warranty

Technical	
Weight	19 oz. (525 g)
Length	8.07" (205 mm)

Ordering	Part Number
All-in-One Telephone Tool (WE/SS)	1545
<b>New</b> All-in-One Telephone Tool (AMP)	1554
Replacement blade kit	2530



## Modular Connectors

Paladin Tools offers an affordable one-stop source for modular connectors and crimping tools. Whether your application is LAN, data, telephone, computer or communications, we provide a quality connector and crimper.

Ordering (Quantity)	Part Number
RJ22 Handset, WE/SS, 4P4C, flat, stranded (Qty. 10)	9503
RJ12, WE/SS, 6P6C, flat, stranded (Qty. 10)	9520
RJ12 DEC/MMJ, 6P6C, flat, stranded (Qty. 10)	9540



## Patch-Check® Tester

Performs true cable mapping! Local continuity tester for telephone and data cables with RJ11 and RJ45 modular plugs.

- Tests local patch cables
- Tests cables up to 1000 ft (305 meters)
- Identifies open, crossed and shorted connections
- Tests RJ11 DEC-MMJ connectors using adapter couplings
- Identifies connector & cable pin-out using true cable mapping, not pairing
- Push-button operation
- Unshielded RJ45 modular-plug socket connection
- 9-volt battery included
- One-year warranty

### Technical

Weight	5 oz. (140 g)
Dimensions	4.6" H x 2.8" W x 1" D 117 mm H x 71.2 mm W x 25 mm D
Power reqs.	9VDC battery (one)
Output signal	8VDC@10mA

Ordering	Part Number
Patch-Check® tester	1529



## Patch-Check® Plus Tester

Test UTP cables installed in walls! Remote tester (transmitter & receiver) for telephone and data cables with RJ11 and RJ45 modular plugs. Works on crossover telephone networks.

- Tests remote cables installed through walls or bulkheads
- Tests cables up to 1200 ft (365 meters)
- Identifies connector & cable pin-out using true cable mapping, not pairing
- Identifies open, crossed and shorted connections
- Includes RJ11, RJ11 DEC-MMJ and RJ45 patch cords (two ea.)
- Tests RJ11 DEC-MMJ connectors using adapter couplings
- Push-button operation
- Unshielded RJ45 modular-plug socket connection
- 9-volt batteries included (two)
- One-year warranty

### Technical

#### Patch-Check® Plus transmitter

Weight	5 oz. (140 g)
Dimensions	5.8" H x 3.6" W x 1.3" D 147 mm H x 91.5 mm W x 33 mm D
Power reqs.	9VDC battery (one)
Output signal	5VDC@5mA

#### Patch-Check® Plus receiver

Weight	4 oz. (112 g)
Dimensions	4.6" H x 2.8" W x 1" D 117 mm H x 71.2 mm W x 25 mm D
Power reqs.	9VDC battery (one)
Output signal	varies by test performed

Ordering	Part Number
Patch-Check® Plus	1531



## LAN ProNavigator™ Tester & Remote

If you're a technician on the go, you need the LAN ProNavigator™ from Paladin Tools! Two-piece tester includes main unit and remote with test results at both ends.

### Features:

- One-button, simple testing (PASS/FAIL or fault find)
- Traces wires with tone & remote lights
- Quick fault analysis on coax & data cables
- CAT-5, CAT-5e or CAT-6 (UTP/STP) cable testing
- Detects Opens, Shorts, Crossed Wires & Split Pairs
- Compact & lightweight, comfortable to hold
- Test status lights at both ends (main unit & remote)

### Specifications:

- Simple PASS/FAIL test results in one second allows technicians to quickly move on to the next test site.
- Generates oscillating audio tone for use with tone probes to locate cables.
- Tests data and telephone cables up to 320 feet (100 meters) for proper pairing for EIA/TIA-568A, EIA/TIA-568B, Token Ring, 10 Base T, and common Category 5 configurations.
- Tests unshielded UTP and shielded STP data cable.
- Detects good connections, open connections, crossed wires and split pairs.
- Tests common BNC connected 50 and 75 ohm coaxial cables up to 320 feet (100 meters) for continuity.
- Tests coaxial cable types RG58, RG59, RG6, RG6 Quad, Belden 8281, RG8, RG11 and more.
- Belt clips provided and lanyard holes embedded in case to attach to belt or wrist.
- Features low battery test and auto-off function to preserve battery life.
- Includes standard 9-volt dc battery.
- One-year warranty



Technical	Main	Remote	Kit
Weight	8 oz. (228 g)	2 oz. (57 g)	2.5 lbs. (1140 g)
Dimensions	3.45" x 2.9" x 1.85" 88mm x 74mm x 47mm	3.45" x 1.6" x 0.9" 87mm x 41mm x 24mm	8.5" x 7.6" x 3" 216 mm x 193mm x 76mm

### Ordering

	Part Number
LAN ProNavigator™ test set (main & remote), 2 RJ45 patch cords, 2 belt clips, 12 oz.(342 g)	1543
LAN ProNavigator™ replacement remote unit with belt clip	1544
LAN ProNavigator™ test set (main & remote), 2 RJ45 patch cords, 2 BNC coaxial cables, 2 CATV "F"-to-BNC adapters, 1 BNC/BNC adapter, 1 shielded RJ45 coupler, 2 belt clips in durable case	901066
Adapter, CATV "F" (female) to BNC (male)	901074



### 4-6-8 Modular Adapters

Use these adapters to connect butt sets, telephone test sets, tone generators and network test equipment to data and telephone lines using modular plug connections to test the data and signals being carried.

- Nylon-reinforced ABS plastic body
- Easy-to-read wire layout
- Removable/replaceable patch cord
- Inline adapters
- Snagless plugs
- Belt clip
- Notched copper contacts keep alligator clips attached during testing
- One-year warranty

#### Technical

Weight	3 oz. (85 g)
Dimensions	2.6" L x 1.78" W x 0.82" H 66.2 mm L x 45 mm W x 21 mm H

Ordering	Part Number
RJ45 modular adapter (8-way)	1902
RJ11 modular adapter (6-way)	1903
RJ22 modular adapter (4-way)	1904



### Speaker Probes and Tone Generator

**New** Locate and test cables anywhere! Together, provides full-range testing of continuity, line condition, signal tracing and wire identification.

#### Speaker probe:

- Tests continuity and signal of installed wire and cable through walls and thick cable insulation
- Quickly and easily identify cable pair carrying a tone signal
- Identifies patch and termination point of wire
- Audible speaker enables use without a butt set
- Inductive pick-up receiver
- **Tone probe cable tracer (P/N 1571)** has 3 operating modes: speaker and light, speaker only or light only
  - Light mode uses gain control circuitry and operates only when it receives true signal and not just random noise
  - Non-inductive tip, spare included
  - Adjustable volume control
  - 9-volt battery included
- One-year warranty

#### Tone generator: (P/N 1572)

- Injects tone down data, phone and power cables
- Tests polarity of phone cables and status of lines
- Continuous or alternating tone function available
- Bright, visible LEDs for testing
- Low battery indicator
- Extra long alligator clips. RJ45 and RJ11 cords also included.
- 9-volt battery included
- One-year warranty

<b>Technical</b>	<b>Weight</b>	<b>Length</b>
	4 oz. (114 g)	9.5" (241 mm)

Ordering	Part Number
Tone probe cable tracer	1571
Tone generator	1572
Tone probe cable tracer and generator in pouch	4359



**PC Cable-Check®**

Our most popular tester ... now with USB! Trouble shoot layer one and peripheral connectivity. Local tester for most computer cables including D-subminiature, coaxial, RJ11/RJ45 telephone cables and USB.

- Easy to use and read LED display
- Tests USB A to USB B
- Tests continuity of male and female 9-pin, 15-pin, 15-pin high density and 25-pin D-subminiature cables
- Tests continuity of: 36-pin Centronics printer cables, RJ11, RJ12 and RJ45 phone cables, and 50 and 75 ohm coaxial cables
- Tests D-sub and phone cables up to 1000 ft (305 meters)
- Tests 50 ohm cables up to 1000 ft (305 meters) and 75 ohm cables up to 600 ft (183 meters)
- Low battery indicator
- 9-volt battery included
- One-year warranty

Technical	
Weight	24 oz. (630 g)
Dimensions	9.6" W x 5.4" L x 1.6" D 239 mm H x 137 mm W x 40 mm D
Power reqs.	9VDC battery (one)
Output signal	8VDC@10mA

Ordering	Part Number
PC Cable-Check®	1570



**DataReady™ Kit**

The complete Category 5 datacomm tool set in a handy zipper case! Everything needed for a CAT-5 installation except the cable. The DataReady™ Kit includes:

**Kit Contains:**

Description	Model	Quick Reference
AM 12 UTP/STP cutter/stripper	1112	pg. 34
All-in-one telephone tool for RJ45 & RJ11 modular plugs (WE/SS)	1545*	pg. 25
Standard impact punchdown tool	3526	pg. 39
Standard 110 blade	4528	pg. 39
Standard 66 blade	4527 <sup>1</sup>	pg. 39
Patch-Check® tester	1529	pg. 49
RJ45 connectors WE/SS (20)	9546*	pg. 47
Zipper case with carrying strap	901059	N/A

- One-year warranty on kits; individual warranties apply to each tool

Technical	
Weight	3 lbs. (1.4 Kg)
Dimensions (in)	10" W x 7.5" L x 2" D
Dimensions (mm)	254 mm W x 191 mm L x 51 mm D

Ordering	Part Number
DataReady™ Kit	901053
<b>New</b> DataReady™ Kit - AMP/Krone	9010531
<b>New</b> DataReady™ Kit - AMP/BIX	9010532

\* WE/SS - style replaced with AMP - style  
<sup>1</sup> 66 blade replaced with BIX or Krone