

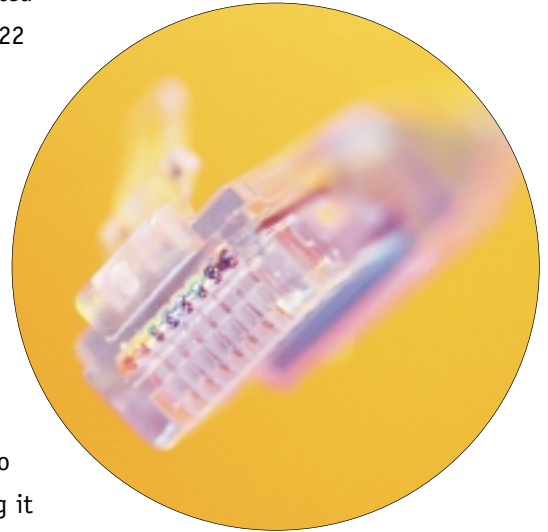
# Flat Telephone Cable



Every year, over ten million business telephones are shipped in the United States. RJ11/12 telephone and RJ22 handset jacks are everywhere. Working with flat cable is easy using one of our all-in-one tools. Built-in cutters and strippers expose just the right amount of cable. The clearly marked crimp areas make crimping the connector simple.

Use our FlatCat™ cutter/stripper to prep the flat cable before crimping it with a 1300 series crimp tool or our new CrimpALL™ and one of our interchangeable dies. New 4-6-8 modular adapters round out the capabilities of our tools for flat telephone cable. At the end of the job, test your work with the Patch-Check® tester for local patch cables.

The DataReady™ kit provides a complete answer for RJ11 and RJ45 installation. This kit contains a cutter/ stripper, all-in-one telephone tool, 110 and 66 punchdown, tester and connectors.



# Flat Telephone Cable

# Adapters

# Cutters/Strippers



## 4-6-8 Modular Adapters

**New** 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

## FlatCat™ Cutter/Stripper

**New** 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

## 1300 Series Crimpers

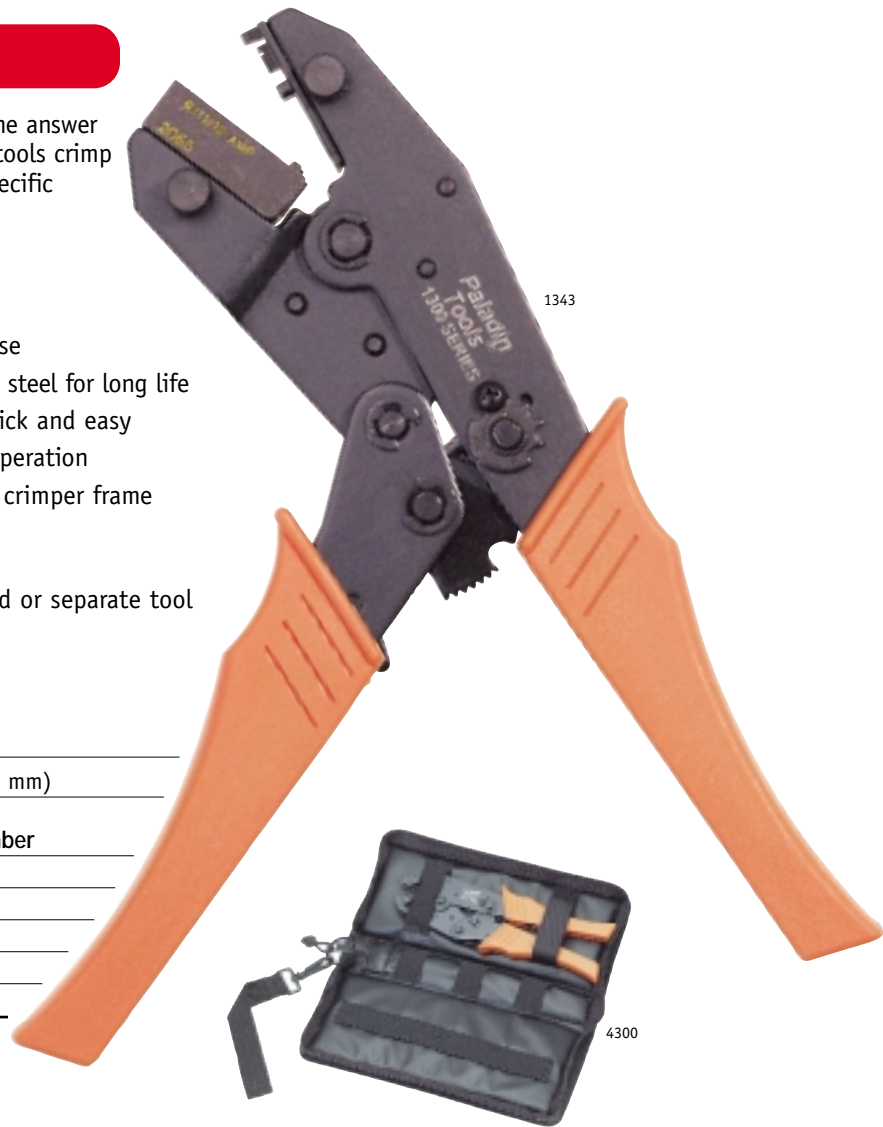
The 1300 series, interchangeable-die crimp tool is the answer for precision crimping at an affordable price. These tools crimp the most popular connectors. See crimp chart for specific connector and crimp dimensions.






- Long lasting tool
- Easy to use and maintain
- Fully-ratcheting cycle with built-in safety release
- Interchangeable dies constructed of heat-treated steel for long life
- EZI-Change® die screws make changing dies quick and easy
- Ergonomically-designed handles for effortless operation
- Foam-lined case available for keeping dies and crimper frame together (P/N 901013)
- 1300 crimp case holds tool and six die sets
- Choose from complete tool with die set inserted or separate tool frame and individual die sets
- Five-year warranty

Technical	Weight	Length
	10.4 oz (296 g)	8.9" (225 mm)

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



	Tool w/ Die Set	Die Set Only	Descripton	Crimp Style	Type
	1340	2062	RJ11 & RJ12 - 6P6C, 6P4C, 6P2C	Flat/Round, Solid/Stranded/22-24 AWG RJ11/RJ12 Unkeyed WE and SS	Western Electric (WE) Stewart Connector (SS)
	1341	2063	Handset 4P4C (4 Pin), RJ22	Flat/Round, Solid/Stranded/22-24 AWG 4 Pin Handset WE and SS	Western Electric (WE) Stewart Connector (SS)
	1343	2065	RJ11 & RJ12 - 6P6C, 6P4C, 6P2C	Flat/Round, Solid/Stranded/22-24 AWG RJ11/RJ12 Unkeyed AMP (Tyco)	AMP (Tyco) Inc. Connectors Only
	1344	2067	RJ11 DEC-MMJ OFFSET (6P6C)	Flat/Round, Solid/Stranded/22-24 AWG RJ11 DEC-MMJ OFFSET	AMP (Tyco) Inc. Connectors Only
	1345	2068	RJ50 - 10P10C (10 Pin)	Flat/Round, Solid/Stranded/22-24 AWG RJ50 unkeyed	Virginia Plastics (VP)



### All-in-One Pro Telephone Tool

Does everything from CAT-3 to CAT-5e! All-in-one crimping tool for Western Electric (WE)/ Stewart Stamping (SS) type, 4-, 6- and 8-position modular telephone plugs.

- Smooth, ratcheted design
- Embedded cable cutter and stripper
- Crimps 4- and 6-position RJ11/RJ12 connectors
- Crimps 8-position RJ45 (non-keyed)
- Crimps 28-24 AWG telephone and data cables
- Ergonomic handles with hand stops
- Built-in safety ratchet release
- Five-year warranty

#### Technical

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

#### Ordering

Ordering	Part Number
All-in-One Pro Telephone Tool	1530R
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, 6- and 8-position modular telephone plugs. For a complete tool solution, try the DataReady™ kit on page 41!

- Ratcheted design
- Embedded cable cutter and stripper
- Crimps 6-position RJ11/RJ12 connectors
- Crimps 8-position RJ45 connectors
- Crimps 28-24 AWG telephone and data cables
- One-year warranty

#### Technical

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

#### Ordering

Ordering	Part Number
All-in-One Telephone Tool	1545
Replacement blade kit	2530

## CrimpALL™ Series Crimpers

**New** The new 8000 Series CrimpALL™ crimp tools have four important ergonomic features that improve user satisfaction and job comfort:

1. An angled head prevents awkward wrist bending during operation.
2. Reduced handle grip distance is comfortable for workers with both small & large hands.
3. The higher crimp force is produced with a lower hand force so your hand doesn't get tired so quickly.
4. No breakover hand force, the effort required by most crimpers to make the last click at the end of the crimp, is required to complete the crimp.






Our standard die sets fit into the CrimpALL™. Soft embedded-rubber handles make this crimp tool extremely comfortable to use. This tool is manufactured for a long life span using fine blanking technologies and a double-plated jaw assembly. A safety release is built-in. This world-class crimp tool is an exceptional value. See crimp chart for specific connector and crimp dimensions.

- Ergonomic design
- Comfortable rubber-embedded handles
- Less hand force needed to crimp connectors
- Long-lasting tool that delivers over 50,000 crimp cycles
- Ultra-smooth, fully-ratcheting cycle with built-in safety release
- Rugged, double-plated jaw assembly
- EZI-Change® die screws make changing dies quick and easy and fixed die screws for tight spaces
- Choose from complete tool with die set inserted or separate tool frame and individual die sets
- 10-year warranty

<b>Technical</b>	<b>Weight</b>	<b>Length</b>
	21 oz. (600 g)	9.84" (250 mm)

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



	Tool w/ Die Set	Die Set Only	Description	Crimp Style	Type
	8031 <b>New</b>	2062	RJ11 & RJ12 - 6P6C, 6P4C, 6P2C	Flat/Round, Solid/Stranded/22-24 AWG RJ11/RJ12 Unkeyed WE and SS	Western Electric (WE) Stewart Connector (SS)
	8032 <b>New</b>	2063	Handset 4P4C (4 Pin)	Flat/Round, Solid/Stranded/22-24 AWG 4 Pin Handset WE and SS	Western Electric (WE) Stewart Connector (SS)
	8034 <b>New</b>	2065	RJ11 & RJ12 - 6P6C, 6P4C, 6P2C	Flat/Round, Solid/Stranded/22-24 AWG RJ11/RJ12 Unkeyed AMP (Tyco)	AMP (Tyco) Inc. Connectors Only
	8035 <b>New</b>	2067	RJ11 DEC-MMJ OFFSET (6P6C)	Flat/Round, Solid/Stranded/22-24 AWG RJ11 DEC-MMJ Offset	AMP (Tyco) Inc. Connectors Only
	8036 <b>New</b>	2068	RJ50 - 10P10C (10 Pin)	Flat/Round, Solid/Stranded/22-24 AWG RJ50 Unkeyed WE and SS	Virginia Plastics (VP)



**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 #
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	
<b>Patch-Check® Plus transmitter</b>	
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

<b>Patch-Check® Plus receiver</b>	
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



Main

Remote



**LAN ProNavigator™ Tester & Remote**

**New** 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
- Designed & manufactured in the USA
- Test status lights at both ends (main unit & remote)

**Specifications:**

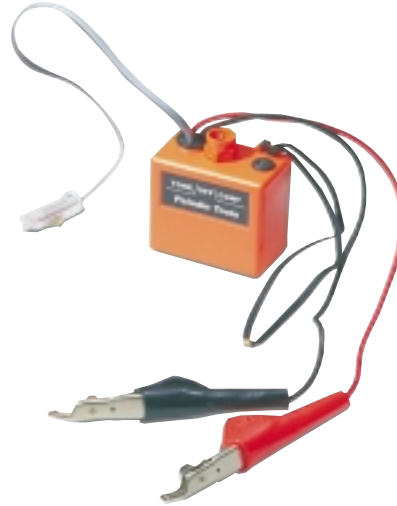
- Simple PASS/FAIL test results in one second allows technicians to quickly move on to the next test site.
- Generates oscillating audio tone for use with tone probes to locate cables.
- Tests data and telephone cables up to 320 feet (100 meters) for proper pairing for EIA/TIA-568A, EIA/TIA-568B, Token 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.
- Shows test results at both ends of cable.
- Belt clips provided and lanyard holes embedded in case to attach to belt or wrist.
- Uses standard 9-volt dc battery with auto-off function to preserve battery life.
- One-year warranty



901066

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

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



**Speaker Probes**

**New** Locate and test cables anywhere! Speaker probes detect signals through thick cable insulation and walls. Amplifier speaker (P/N 1564) probe allows volume control of tone for louder work areas.

- Works great in combination with LAN ProNavigator
- Quickly and easily identifies cable pair carrying a tone signal
- Identifies patch and termination point of wire
- Field-adjustable locking and non-locking switch
- Audible speaker enables use without a lineman's test set
- Low-output impedance permits capacitive coupling of signal between twisted pairs
- Supplied with two tips: cone-shaped and duckbill
- Uses 9-volt battery (not included)
- One-year warranty

Technical	
Weight	4 oz. (114 g)
Length	9.5" (241 mm)

Ordering	Part Number
Speaker probe	1568
Amplifier speaker probe	1564
Carrying case	901382

**Tone Generator**

Tests continuity and signal of wire and cable installed through walls.

- Locates broken wire and cable in walls & provides talk power on a dead line
- Checks for opens and shorts using a tri-colored LED indicator
- Emits 1000hz continuous tone or alternating 500/1000hz tone for tracing pairs
- Provides positive line verification
- Heavy-duty nickel silver alligator clips and heavy-duty boots
- Specialized, rugged RJ11 connector designed for inside/outside plant use
- One-year warranty

Technical	
Weight	6 oz. (170 g)
Dimensions	2.25" H x 2.5" W x 1.4" D 57 mm H x 63.5 mm W x 36 mm D

Ordering	Part Number
Tone generator	1569
Carrying case	901382

**Tone Test Kit**

**New** Locate and test cables anywhere! Amplifier speaker probe and tone generator tests continuity of wire and cable installed through walls.

- Portable testing system includes probe (P/N 1568) and tone generator (P/N 1569) in nylon case (P/N 4344.1)
- Amplifier test set includes probe (P/N 1564) and tone generator (P/N 1569) in nylon case (P/N 4357.1)
- Compact and lightweight kit mounts on belt
- Provides full-range testing of continuity, line condition, signal tracing and wire identification
- Uses 9-volt battery (not included)
- One-year warranty

Technical	
Weight	12 oz. (340 g)
Dimensions	5.5" H x 10" W x 2.5" D 140 mm H x 254 mm W x 63.5 mm D

Ordering	Part Number
Tone test kit w/speaker probe	4344.1
Tone test kit with amplifier probe	4357.1
Professional tone/probe belt case	901382



**PC Cable-Check®**

**New** Our most popular tester ... now with USB!  
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 1000ft (305 meters)
- Tests 50 ohm cables up to 1000ft (305 meters) and 75 ohm cables up to 600ft (183 meters)
- 9-volt battery included
- One-year warranty

**Technical**

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

**Ordering**

Ordering	Part Number
PC Cable-Check®	1570

**DataReady™ Kit**

**New** The complete Category 5 datacomm tool set in a handy zipper case! Everything needed for a CAT-5 installation except the cable.

- All-in-one telephone tool for RJ45 and RJ11 plugs (P/N 1545)
- Impact punch-down tool with 110 and 66 blades (P/Ns 3526, 4527 & 4528)
- AM 12 cutter/stripper for unshielded and shielded voice and data cable (P/N 1112)
- Patch-Check® continuity tester (P/N 1529)
- Category 5 RJ45 connectors (20) (P/N 9546)
- Zipper case with carrying strap and complete instructions
- One-year warranty on kit; 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**

Ordering	Part Number
DataReady™ Kit	901053