

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.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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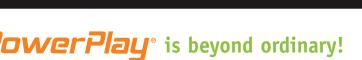


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The premium engineering delivers smooth operation — you'll immediately feel the difference....from start to finish.



PowerPlay is the only tool designed just for datacomm, telecom and electrical wiring professionals. And it does it all... from start to finish.

- Rough-in outlet boxes with drywall punch and saw
- Cut and strip Romex®, Cat5e and other low voltage wires and cables
- Terminate 110 & 66 blocks with punchdown tools
- Crimp terminal lugs for security and other low voltage
- Patented gear system delivers 2X the power for cutting and stripping
- Effortless one-handed flip-open
- Field-replaceable folding components





Multi-

Tools

PowerPlay Multi-Tool Family	P1-540
110 Punchdown Tool	•
66 Punchdown Tool	•
UTP Round Wire Stripper	•
Extra Large Wire Cutter (up to 10 AWG Romex)	•
Large Wire Cutter (up to 12 AWG Romex)	
Wire Cutter (up to Cat5e UTP cable)	
Hard Wire Cutter Notch	•
18/20/22/24 AWG Wire Strippers	•
10 AWG Wire Stripper	•
12 AWG Wire Stripper	•
14 AWG Wire Stripper	•
Needle Nose & Gripping Pliers	•
Drywall Punch	•
Drywall Saw	•
24-18 AWG & 18-14 AWG Lug Crimpers	•
Wire Hook & Spudger	•
1/4" Socket Drive & Hex Bit Adapter	•
#4 & #6 Slotted Screwdrivers	•
#1 Phillips Screwdriver	•
SOG Serrated Knife	•
3-in-1 File and Bottle Opener	•
7/16" & 3/8" Nut Drivers	•
Ruler & Lanyard	•
Pivoting Handle Covers for comfortable grip	•
Powerlock™ locks components in place while in use	•

PT-540 PT-525 PT-510

Compound Leverage™ System:

- Patented by SOG Specialty Knives, Compound Leverage™ generates double the gripping and wire cutting power than all other multi-tool designs.
- The special geared design creates greater leverage and smoother handle movement than ordinary multi-tools.
- Minimizes the amount of hand force required for maximum torque.



Compound Leverage™ Gear System



KT 8 precision cutter for solid, stranded & flexible cables of soft copper and aluminum. Precise & effortless cuts. Perfect cutter for coax & UTP cables; doesn't deform cable when cut. Cuts up to 6 AWG (16 mm²).

P/N 900265



KT 35 ratcheted cutter for large utility & power cables – solid, stranded & flexible soft copper and aluminum – features soft, rubber-embedded handles. Made from hardened, precision steel cutting blades for long-life. Smooth ratcheting for one-hand operation. Cuts up to 500 MCM (240 mm2) cable or diameter of 1.4" (35 mm).

P/N 900256

AM 25, 35 & Universal Professional Slitters – are the *original* tools designed for slitting PVC & THHN insulation from round cables! Blade swivels for circular, longitudinal, & spiral cuts. Great for corrugated aluminum armor cables and mid-point taps or window slits.

P/N 1820 AM 25 for cables less than 1" **P/N 1821 AM 35** for cables 1.0-1.4"

P/N 1822 Universal Slitter for .18-1.4" diameter cable







Kevlar® Cutter for strands in fiber optic cable. Features hard-chromed serrated edge steel blades.

P/N 1511

Pen-type fiber optic scribe with screw-in, non-reversible carbide tip and pocket clip.

P/N 1922.1

Aluminum polishing pucks with tungsten coating for polishing fiber optic connectors. Leave less debris and double the life of plastic pucks.

P/N 1920.1 - SC, ST & FC type **P/N 1926.1** - LC type



FiverOptic™— multi-functional fiber optic stripper strips 2.0–2.4 mm fiber and 2.8–3.0 mm fiber outer jackets; 2.0–3.0 mm loose tube fiber; 900 μm buffer from loose buffer fiber without removing acrylate, and buffer and acrylate from 900/125 μm and 250/125 μm fiber. Optimum ergonomic design prevents awkward wrist bends & handles are rubber-embedded for additional comfort.

P/N 1163



GripP Strippers – combine ergonomics & versatility! Head of tool and handles designed at optimum angle to prevent awkward wrist bends. Precision ground for non-scoring strips and smooth wire cuts. Works with solid or stranded wire. Features screw cutter, built-in wire loops and gripping jaws.

P/N 1117 - 22-10 AWG including Romex® (.34-6 mm²)

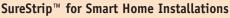
P/N 1118 - 30-20 AWG (.05-.5 mm²)





Data SureStrip® adjustable cutter/stripper for round UTP/ STP voice and data cables as well as flat satin phone cable. Easily change cutting depth with thumb screw adjustment.

P/N 1116



professional all-in-one cutter/stripper for coax & twisted pair cables. Coax pre-set for 2-level compression "F", RCA & BNC & hex crimp cable TV "F" strips. Thumb screw adjusts stripping blade depth for UTP/STP insulations.

Blade self-regulates to prevent nicks.

P/N 1119





CST Series Coax Strippers – are designed for the professional and are the standard for the broadcast industry. Blade cassettes and memory blocks interchange quickly & easily to change from one application to another. Cam adjustment ensures precise hold on cable without distorting jacket.



Complete Tool	Cassette Only	Preset Strip Lengths (inches)	Common Uses
P/N 1240 - CST Green	2240	.279 braid; .201 dielectric	Common 2- & 3-piece BNC/TNC
P/N 1241 - CST Blue	2241	.256 braid/dielectric	CATV "F" connectors
P/N 1247 - CST Orange	2247	.327 braid; .146 dielectric	Kings, Amphenol HDTV connectors
P/N 1248 - CST Black	2248	.344 braid; .094 dielectric	ADC, Amphenol HDTV connectors
P/N 1245 - CST Frame pre	-set for Belden 17	9DT	

T/N 1245 CST Frame pre Section Be

P/N 2245 - Memory cartridge only

LC CST Series Coax Strippers – combine high-performance and ergonomic design at an affordable price. Easily remove the outer jacket, shield braid and inner dielectric in a single step. Pre-set strip lengths for common connectors.



Complete Tool	Preset Strip Lengths (inches)	Strip Types
P/N 1255 - RG58/59/62 cable	.315 OJ, .157 ID	2- or 3-level
P/N 1256 - RG8/11/213	.315 OJ, .157 ID	2- or 3-level
P/N 1258 - RG178, 735A, Belden 8218 & other small cable	.344 OJ, .094 ID	2- or 3-level
P/N 1257 - RG59/6/6 Quad	.236 OJ	2-level - preset for CATV "F"

Note: OJ = outer jacket ID = inner dielectric



GripPack Quick-Release Tool Holster & Kit

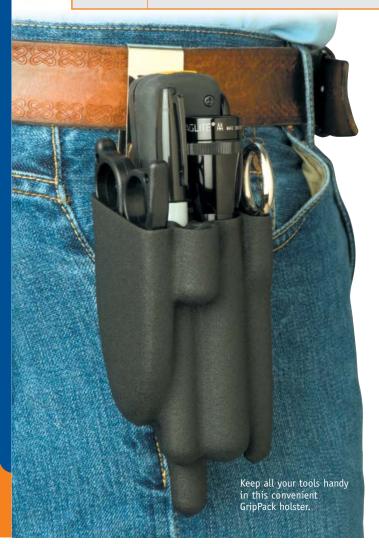
Get a Grip! The rugged GripPack Quick-Release Tool Holster was designed with specific needs of installers in mind and the rugged design is tough enough for every day use and longevity.

	Punchdown Tool	110/66 Blade	Data SureStrip®	Scissors	Sharpie®	Mini- MagLite™	Detachable LED Light
Premium [*]	Technician's (GripPack I	Kits				
P/N 4941	SurePunch® Pro	•	•	•	•	•	
P/N 4943	SurePunch®	•	•	•	•	•	
D . T .	Designate Harde Cris Deals With						

Basic Installer's GripPack Kits

P/N 4942	SurePunch® <i>Pro</i>	•	•	•	
P/N 4944	SurePunch®	•	•	•	

P/N 4940 GripPack Tool Holster (no tools included)



Form-fitted PVC material ensures tools don't fall out!





SurePunch® Pro Series Punchdown Tools - The new industry standard in impact punchdown tools - the first & only with a detachable light! The most efficient & comfortable tool available offers true ergonomic design with an advanced spring mechanism requiring less hand force. Also features a non-slip rubber-embedded cushioned handle and retractable hook, spudger and slitting tooth. Terminates 23 AWG Cat-6 in a single punch. Blade storage in handle with latch cover. Uses all twist-&-lock-style blades.

P/N 3590 - SurePunch® Pro Handle & Light P/N 3584 - SurePunch® Pro with Double 110 & Light P/N 3588 - SurePunch® Pro with 110/66 Blade & Light P/N 3596 - SurePunch® Pro with 110 Blade & Light **P/N 3598** – SurePunch® **Pro** with BIX™ & Light P/N 3599 - SurePunch® Pro with Krone® LSA Blade & Light P/N 4599 - SurePunch® Pro detachable LED Light SurePunch® Pro tools also available without light



Upgraded patented Double-110/110 Blade

terminates pairs into 110 jacks & panels with .150" (3.81 mm) spacing. Blade now reverses to single 110. Fewer punches increases productivity, reduces hand fatigue and labor costs.

SurePunch® Series Punchdown Tools - Impact punchdown tools with ergonomic design. Features cushion grip with comfortable latch cover blade storage in handle. Increased HI/LO impact force for new cable types & wire sizes, including Cat-6. Uses all twist-and-lock-style blades.

P/N 3570 - SurePunch® PDT Handle

P/N 3571 - SurePunch® PDT with 110/66 Blade

P/N 3572 - SurePunch® PDT with 110 Blade

P/N 3575 - SurePunch® PDT with Krone® LSA Blade

P/N 3574 - SurePunch® PDT with BIX™ Blade

P/N 3576 - SurePunch® PDT with Double - 110 Blade

Blades for SurePunch® and SurePunch® Pro

P/N 4571 - 110/66 Blade

P/N 4572 - 110 Blade

P/N 4573 - 66 Blade

P/N 4574 - BIX™ Blade

P/N 4575 - Krone® LSA Blade

New P/N 4591 - Double 110/110 Blade





4572



4573



4574





3584



ProPunch® 110 Multi-pair Punchdown Tool - Terminates & cuts up to 5-pairs of data/voice cable at the same time - fewer punches saves time! Smooth operation & rugged, comfortable handle. Delivers more than one and a half more times the force of others on the market. Cat-6, 23 AWG compatible.

Complete Tool	Replacement Head
P/N 3560 - ProPunch® 110 with 5-pair head	P/N 4560
P/N 3561 - ProPunch® 110 with 4-pair head	P/N 4561







3572



Crimp & Terminate

1530R

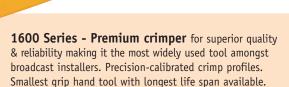
8000 Series – Ergonomic crimper that uses the same dies as the 1300 Series. Easiest crimper on the market to use – crimp with one hand effortlessly. Ultra-smooth ratchet design, rubber grip handles with reduced grip distance. Over 50 interchangeable die sets available.

P/N 8000 - Frame only

1300 Series -The original crimp frame

with interchangeable die sets. Ratcheted crimper with quick change EZI-CHANGE™ die screws. Precision crimping at an affordable price.

P/N 1302 - Frame only



P/N 1600 - Frame only



All-in-One Data & Phone Tools cut, strip & crimp round and flat cables for RJ45, RJ11/12 & RJ22 modular plugs.

Ratcheted design.

P/N 1556 for WE/SS-style P/N 1557 for AMP-style plugs



P/N 1530R for WE/SS-style P/N 1540 for AMP-style



1555

SealTite® Pro Crimper -

easily crimps *all* compression connectors with a *single* tool! Head reverses to accommodate CATV "F", BNC & RCA connectors eliminating need for additional attachments. Thumb screw adjusts crimp height. Advanced ratchet system & comfortable rubber-embedded handles.

P/N 1555



1300 and 8000 Series Crimpers & Die Sets						
8000 Series Tool & Die	1300 Series Tool & Die	Die Set Only	Connector/ Cable Type	Crimp Sizes	Connector Manufacturer or Comments	
Unshielded 1	Twisted Pair (UT	P)				
8030	1307	2061	RJ45 - 8P8C (8 Pin)		Western Electric (WE)/ Stewart Connector (SS)	
8031	1340	2062	RJ11 & RJ12 - 6P6C, 6P4C, 6P2C		Western Electric (WE)/ Stewart Connector (SS)	
8033	1342	2064	RJ45 - 8P8C (8 Pin)		AMP (Tyco) Inc.	
8034	1343	2065	RJ11 & RJ12 - 6P6C, 6P4C, 6P2C		AMP (Tyco) Inc.	
8045	1387	2687	RJ45 & CATV "F" - UTP & RG6/6QS	.360/.324 HEX 9.1/8.3 mm HEX	WE/SS-style RJ45	
UTP and Coa	xial					
8045	1387	2687	RJ45 & CATV "F" - UTP & RG6/6QS	.360/.324 HEX 9.1/8.3 mm HEX	WE/SS-style RJ45	
Coaxial						
8001	1317	2034	BNC/TNC - RG58/59/62AU	.256/.213/.068" HEX 6.5/5.4/1.7 mm	Common 2- & 3-piece BNCs	
8045	1387	2687	RJ45 & CATV "F" - UTP & RG6/6QS	.360/.324 HEX 9.1/8.3 mm HEX	WE/SS-style RJ45	
8003	1367	2649	HDTV BNC/TNC & CATV "F"- RG59, 6 & Belden 8281, 1694A	.324/.255/.068" HEX & 052" SQ 6.5/5.0/4.5/1.7 mm HEX & 1.0 SQ	Kings, ADC, Amphenol	
8005	1363	2653	SMA. SMB, Mini-59 BNC/TNC, Mini-UHF	.128/.213/.197/.178/.068" Hex & 042" SQ 3.2/5.4/5.0/ 4.5/1.7 mm HEX & 1.0 SQ	Common connectors	
8049	1389	2699	HDTV BNC/TNC - Belden 1505A, 1855A, 1694A, RG59, NT735, AND RG174	.041/.068/.178/.255/.278 HEX 1.0/1.7/4.5/6.5/7.0 mm	Universal - Kings, ADC, Trompeter, Switchcraft	
Fiber Optic						
8017	1362	2652	SMA, SMB, SFR, ST, SC	.128/.151/.215/.197/.178" HEX 3.2/3.83/5.46/5.0/4.5 mm HEX	Universal	
8037	1369	2669	SC, FC-3	.120/.137/.090 RND 3.05/3.48/4.83 mm RND	3M	
8039	1375	2685	LC, ST, FC, MT-RJ, SC	.151/.178 HEX/LC RND/.190 RND 3.83/4.5 HEX/LC RND/8.83 mm RND	Lucent & Krone, 3M, Universal	

1600 Ser	1600 Series Crimpers & Die Sets						
1600 Series Tool & Die	600 Series Die Set Connector/ Crimp Sizes Coll & Die Only Cable Type		Crimp Sizes	Connector Manufacturer or Comments			
Fiber Optic							
1614	2664	SMA, SMB, FC Biconic,SC, ST	.213/.178/.151" HEX 5.41/4.52/3.83 mm				
1668	2668	SC & ST	.120/.137/.190" RND 3.05/3.48/4.83 mm	3M, Suncall, Fiber Source			
Coax Cable							
Coax Cable							
1617	2005	BNC/TNC - RG58/59/62AU, Belden 8281	.256/.213/.068" HEX 6.5/5.4/1.7 mm	Common 2- & 3-piece BNCs			
1609	2660	BNC/TNC - Belden 8281 & 7505	.324/.068" HEX & .042" SQ 8.2/.1.7 mm HEX & 1.0mm SQ	Kings, ADC, Switchcraft, Amphenol HDTV			
1669	2683	BNC/TNC - Belden 1855, 1505 & 1694	.278/.255/.178/.041" HEX	Universal die for all HDTV			

2.0/2.5/3.0 mm RND SC

AMP (Tyco) Inc.

8050

1390

2695

SC

PC Cable-Check[™] *Pro* – This powerful troubleshooting tool maps the pin-out, detects good connections and any opens, shorts or crosses in the cable. It now tests over 20 different patch cables including: LAN & telephone, Serial, coax, USB, VGA, Mini-USB, S-video, FireWire, PS/2 keyboard and parallel printer. It now features auto test or manual modes and auto-off to extend the battery life. The case is more rugged, has a built-in handle for easy transport and includes rubber

feet to grip to desk or bench to prevent slipping. 9V battery included. P/N 1577



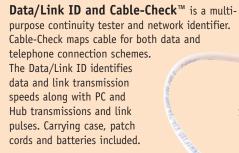


1577



Tone Generator and Tone Probe Plus Cable-Check™ is a combination RJ45 LAN tester and tone generator and tone probe cable tracer. It maps the cable and identifies connector and cable pin-out. The unit also provides fullrange continuity testing, line condition, signal tracing and wire identification. Carrying case and patch cords included.

P/N 1573







SoHo Cable-Check[™] quickly and easily tests RJ45 and cable TV "F" smart home installations. It works on installed cable runs and patch cords to test continuity and identify good connections, open and shorts. Includes patch cords, 75-ohm male "F" terminator, "F" female adapter, battery and carrying case.

P/N 1578



LAN ProNavigator[®] is a network data and coaxial continuity tester with test results at both ends. Simple PASS/FAIL test results in one second! Identify opens, shorts, crosses and split pairs with Fault Check function. Generates oscillating tone to trace wires with your speaker probe. Auto-off to conserve battery power. 9V battery, belt clips and patch cords included.

P/N 1543



LAN ProNavigator[®] **Kit** also includes coax patch cords, adapters and coupler in a blow-mold case complete with form-fitting foam.

Paladin Tools

P/N 901066

FIBERFISH are non-conductive 3/16" fiberglass rods available in 3' or 6' sections. The rods screw together to make longer lengths for fishing wire in existing walls, attics or across drop ceilings and under carpet. Each kit includes a bullnose tip - other attachments available separately. Easy to use for beginners or professionals.

901066

P/N 1752 6' Rod Kit (5 rods) **P/N 1765** 3' Rod Kit (8 rods)



1543

1765



FiberSnake is designed specifically for use in conduit and is made from fiberglass reinforced composite core with rugged plastic coating. Bull nose at each end so wires can be pulled from either direction. 25' & 40' models contained in PVC storage case. 100' model comes in steel cage with hand operated brake.

P/N 1753 - 25' FiberSnake

P/N 1754 - 40' FiberSnake

P/N 1755 - 100' FiberSnake

The Ultimate Tool Bag features large, secure outer pockets and ample storage inside with a removable inner tote to hold smaller tools & keep them handy on the job site. The inside compartment also contains additional large pockets for tools and testers. The bag includes a Plano® tackle box to store dies, blades, connectors, etc. so you can customize it to work for you. Detachable shoulder strap & web handle for added convenience.

P/N 4923



Ultimate Technician Tool Kit - be completely ready with our newest tool kit for data, voice & video installation and maintenance! It includes all necessary cable preparation tools & continuity testers for Cat5, Cat5e, Cat6 as well as RG6 & RG6 Quad in our new Ultimate Tool Bag.

P/N 4932

Premise Service Kit provides everything for twisted pair and coaxial LAN installation including our 8000 Series ergonomic crimper & 3 dies, SurePunch® PDT, Data SureStrip®, LAN ProNavigator® and more!

P/N 4933 Ultimate Premise Service Kit - WE/SS; 110 & 66

P/N 901039 Premise Service Kit - WE/SS; 110 & 66
P/N 9010391 Premise Service Kit - AMP; 110 & Krone
P/N 9010392 Premise Service Kit - AMP; 110 & BIX







P/N 4934

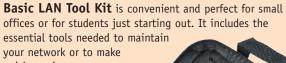
P/N 901378





Our popular **DataReady**® **Kit** has been upgraded to better serve today's datacomm and IT needs. This Cat5/Cat5e datacomm installation kit contains a cutter/stripper, SurePunch punchdown tool, All-in-One ratcheted crimper and Data Link/ID and Cable-Check™ tester.

P/N 901053 DataReady[®] Kit – WE/SS; 110 & 66 **P/N 9010531** DataReady[®] Kit - AMP; 110 & Krone **P/N 9010532** DataReady[®] Kit – AMP; 110 & BIX





SealTite™ Pro A/V Kit for the Smart Home

The new SealTite Pro A/V kit is all you need to make custom-length digital and analog audio and component video cables using compression RCA, BNC and cable TV "F" connectors. It includes SealTite Pro Crimper, SureStrip™ combination coax and UTP cutter/stripper along with 6 bonus RG6/RG6 Quad connectors. 2 each: "F", RCA, BNC and two sets of red, yellow and white color bands to use with the RCA's and BNC's.



New

We now offer a full-line of modular plug connectors and coaxial cable connectors. The SealTite® line of compression connectors has been broadened to include RCA and BNC along with the cable TV "F"-style. Connectors are available in convenient retail packs of 10, 50 or larger bulk quantities. Visit our website for a complete listing of connectors available.

Connectors and Accessories







Connector Style	Cable Type	10 Pack Clamshell	50 Pack Clamshell
RJ45	Cat5e, solid or stranded – Round, flat or oval	9546	9655
RJ11	Solid or stranded – Round, flat or oval	9520	9654

Sealtite® Compression Connectors

Quickly and easily make connections using compression connectors. SealTite® connectors feature a patented design with 360° cable gripping sleeve and watertight "O-ring". Solid brass with nickel plating. RCA and BNC connectors have full gold contacts for low signal loss and include slip-on color bands for easy cable identification.

Connector Style	Cable Type	10 Pack Clamshell	50 Pack Jar
Cable TV "F"	RG59	9642	9645
	RG6 & RG6 Quad	9643	9646
	RG6 Quad	9644	9647
BNC	RG59	9648	9664
	RG6 & RG6 Quad	9652	9665
RCA	RG59	9653	9662
	RG6 & RG6 Quad	9649	9663



New

New









Hex-Crimp, Push-On and Twist-On Cable TV "F" Connectors

Make cable TV cords for indoor usage using standard **Hex-Crimp** or with our new push-on and twist-on connectors that require no crimping tool for termination. **Push-On Cable TV "F" Connectors** feature a special knurled nut for superior grip and strong connection. **Twist-On style** uses sharp threads to firmly grip cable for good connections.

Connector Style	Cable Type	Crimp Dims	10 Pack Clamshell	50 Pack Clamshell
Hex-Crimp	RG59	.324"	9676	9703
	RG6	.324"	9677	9680
	RG6 Quad	.360"	9678	9681
Push-On	RG59		9682	9684*
	RG6		9683	9685*
Twist-On	RG59		9694	9709
	RG6		9695	9710

^{*} Denotes 50 pack of connectors packed in jar

Hex-Crimp



Splitters, Diplexer and In-Line Amplifier

Split TV signals out to multiple outlets. Features "F"-style female ports. 75 ohm impedance. Bandwidth: 5-2400 MHz for satellite and 5-1000 MHz for cable TV splitters. All ports on satellite splitters are power passive.

	Satellite	Cable TV
2-Way Splitter	9669	9688
3-Way Splitter	9670	9689
4-Way Splitter	9671	9690

Satellite Di-Plexer (PN 9673) combines signals from the satellite dish and UHF/VHF antenna into one coaxial cable output. Diplexed signal can be sent through an In-Line Amplifier (PN 9672) to send the signal to multiple outlets.















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