



INSTALLATION TOOLS AND TESTERS

1-Punch Tool

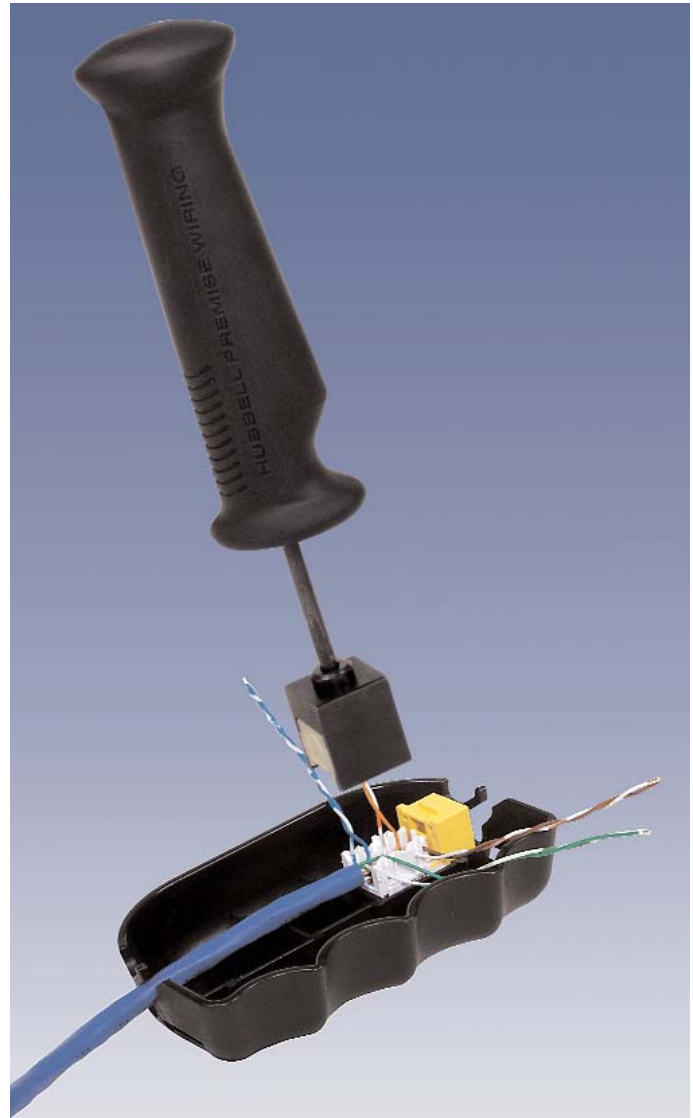
Punch-Down Tool, 4-Pair for Xcelerator™ Jacks

The "1-Punch" Tool is a new and unique punch-down tool for UTP cabling. It is designed to punch-down all 4-pairs consistently and cut off all conductors in "1-Punch". This tool saves valuable installation time over traditional single-blade tools that require multiple cycles.

This tool should be used exclusively with Xcelerator™ jacks. Additionally, it is necessary to use this with Hubbell Premise Wiring "Jack Knuckles" termination aid (Catalog No. HXTA).

The new 1-punch tool makes punching down a Hubbell Xcelerator jack quick and easy. Five easy steps get the job done.

1	 <p>Lace the jack and place in a Hubbell termination aid. Always use this tool with a termination aid.</p>	2	 <p>Align the head of the punch down tool over the target jack with the slots of the tool head ready to slide onto the shoulder of the jack nose.</p>
3	 <p>Place the punch down head onto the Hubbell Xcelerator jack.</p>	4	 <p>With one hand hold the termination aid. With the other hand depress the tool handle completely down until the tool cycles impact.</p>
5	 <p>Remove the tool head from the jack and inspect the jack and install stuffer cap onto termination towers.</p>		



FEATURES

- ◆ High-impact handle with cushioned grip
- ◆ Sharp blades
- ◆ Replaceable punch-down head
- ◆ Replaceable cartridge blades
- ◆ Common handle, 110/5-pair and 6-110/4-pair heads

SPECIFICATIONS

- ◆ Patent-Pending
- ◆ Twist and lock punch-down head
- ◆ Ergonomic rubber handle for comfort
- ◆ Terminates AWG 26-22 solid wires with single insulation
- ◆ Designed specifically for use with Hubbell Premise Wiring Xcelerator™ jacks only

ORDER INFORMATION

1-Punch, Punch-Down Tool, 4-pair

Delivery: 1 Impact handle
1 Punch-down head for Xcelerator™ jacks
1 "Jack Knuckles" termination aid

Catalog No. **TX4P**

Accessories

Description	Catalog No.
Replacement 4-pair Xcelerator head	TX4PH
Replacement 4-pair Xcelerator blades	TX4PHBL
Jack Knuckles termination aid	HXTA

Punch-Down Tools

110/5-pair, Lighted 110, and Standard 110

The 110/5-pair impact tool (T5PPD110) is designed to seat 110 connecting blocks and terminate and cut UTP cable on 110 wiring blocks. Saving time and money, it makes large termination jobs small by greatly reducing the number of punch cycles.

The lighted 110 punch-down tool (TPDL110) has all the standard features and some big additions; it has a high-intensity light, and fold-out pick, hook and spludger. For the professional technician, it reduces the number of tools carried and has an integral beam to illuminate dark work areas.

The standard punch-down tool (TPD110) is ergonomically designed for comfort, has easy to install twist and lock blades and has both 110 and 66 blades available.

FEATURES

110/5-pair Tool

- ◆ Replaceable punch-down head
- ◆ Common handle for 4- and 5-pair heads
- ◆ Replaceable cartridge blades

Professional, Lighted and Standard 110 Tool

- ◆ Comfortable, ergonomic grip
- ◆ Sharp blades
- ◆ High visibility colors
- ◆ Lanyard holes in the handle end

SPECIFICATIONS

110/5-pair Tool

- ◆ Adjustable cartridge to cut/no-cut positions
- ◆ Terminates 26-22 AWG solid and stranded wires with single insulation
- ◆ Twist and lock head

Professional, Lighted Tool

- ◆ Terminates AWG 28-22 solid or stranded wire
- ◆ Integral illuminating light
- ◆ Built-in, fold-out pick, hook and spludger

Standard 110 Tool

- ◆ Terminates AWG 28-22 solid or stranded wire
- ◆ Adjustable high and low impact settings
- ◆ Insulated, rubber-embedded handle



ORDER INFORMATION

110 Punch-Down Tool, 5-pair

Delivery: 1 Impact handle 1 5-pair punch-down head & blades
Catalog No. **T5PPD110**

Accessories

Replacement 110/5-pair head **T5PPD110H**
Replacement 110/5-pair blades **T5PPD110B**

Professional, Lighted, 110 Punch-Down Tool

Delivery: 1 Punch-down handle 1 Fold-out pick, hook & spludger
1 Light and batteries 1 110 blade
Catalog No. **TPDL110**

Accessories

Replacement 110 blade **TBL110**
Replacement 66 blade **TBL66**
Replacement light and batteries **TPDLITE**

Standard, 110 Punch-Down Tool

Delivery: 1 Punch-down handle 1 110 blade
Catalog No. **TPD110**

Accessories

Replacement 110 Blade **TBL110**
Replacement 66 Blade **TBL66**

Screwdriver, 4-bit

Hubbell's screwdriver has an ergonomically designed, cushioned handle for comfort. It has driving bits and a 1/4" nut driver to handle all common assembly jobs. This is the perfect tool to assemble Hubbell Premise Wiring racks, cabinets, accessories, panels, plates, frames, race-way, poke-throughs, poles and floor boxes.



Delivery: 1 handle 1 nut driving shaft
Reversible bits, 4 sizes

Catalog No. **TSD4**

Cable Stripper, Cutter

The Hubbell communications cable stripper/cutter is a multi-tasking tool designed to reduce the number of individual tools carried and to make the job easier. Strips round Cat 5e and 6 UTP/STP - also strips flat cables.



Delivery: 1 Cable stripper/cutter

Catalog No. **TCS3**

Nut Driver/Stripper

This simple tool has a thin wall nut driver on each end and stripping notches on the handle. It will position the mounting rails in Hubbell full size and wall mount cabinets and key the REBOX door. The cable strip blades can be used for both telephone and electrical wiring. Nut driver sizes are 3/8" and 7/16".



Delivery: 1 Nut driver/stripper

Catalog No. **TW38716**

Tool Kits

3- and 8-Piece

The 3-piece tool kit is offered for the professional technician who often carries just the basics, and wants quick and easy tool access.

For the professional technician, our 8-piece tool kit provides the right balance of multi-tasking tools all contained in a conventional belt pouch. All tools are easy to use and will complete almost all assembly tasks found on a job site. All of these tools enhance the installation of HPW products.

SPECIFICATIONS TK3

- ◆ Punch-down tool with:
 - 110 and 66 blades
 - rubber-embedded handle
- ◆ Fiskars™ snips with:
 - long, leverage handle
 - high visibility, orange color
 - strip notches on the upper blade
- ◆ Durable, black, nylon belt pouch - fits up to 3" belt

SPECIFICATIONS TK8

- ◆ Punch-down tool:
 - for 28-22 AWG solid or stranded wire
 - Twist and lock 110 and 66 blades
- ◆ Fiskar™ snips:
 - stainless blades
 - strip notches for 22-24 AWG wires
- ◆ Screwdriver:
 - #4 and #6 slotted
 - #2 and #3 Philips bits
- ◆ Stripper works on UTP and STP cables
- ◆ Snap-X has removable lanyard
- ◆ Belt pouch fits up to 2½" belt



ORDER INFORMATION

Tool Kit, 3-Piece

Delivery: 1 Punch-down tool with 110 and 66 blade
1 pair Snips
1 Belt pouch

Catalog No. **TK3**

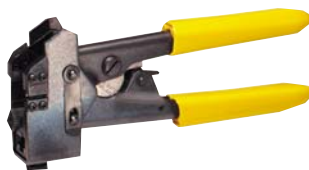
Tool Kit, 8-Piece

Delivery: 1 Punch-down tool 110 blade
66 blade 1 pair Snips
4-bit screwdriver UTP/STP cable stripper/cutter
Maglite™ Belt pouch
Snap-X termination aide

Catalog No. **TK8**

Crimp Tool

Unique features of our tool provide a high quality termination every time. The ratchet mechanism requires a full crimp cycle before releasing the plug to provide a complete crimp. And our distinctive parallel die compression method applies equal force ensuring a perfectly aligned termination.



Description	Catalog No.
Crimp Tool frame	CTH
Crimp tool frame with RJ45 die-set	CTH8
RJ11 die-set	CTD11
RJ22 die-set	CTD22
RJ45 die-set (snagless or non-snagless)	CTD45
Complete tool kit in hard, plastic case includes crimp tool, 6 die-sets, UTP cable stripper	CTK1
Die-sets include: RJ11, RJ45, 10-position, RJ22, 10BASE-T, MT-RJ	

Continuity Tester

The continuity tester is a two-level tester. It tests out data/voice and coax cabling. It also traces wires with tone and detects opens, shorts, crossed wires and split pairs. Common cross wiring mistakes such as T568A format on one end and T568B on the other will show up as a cross. Both the main and remote units indicate test results with a lighted display.



Delivery

Main and remote continuity test units
2 F-connector adapters
2 RJ45 shielded patch cables
2 belt clips

Catalog No. **TCT2**

Termination and Test Tools for Fiber Optic Cable

Hubbell provides tools and testers to simplify fiber installations.

The OFTK series universal termination kit contains tools and materials needed for epoxy, anaerobic adhesive and 2Quick crimp terminations. The OFTP02B tool pouch contains fiber preparation tools for anaerobic adhesive and 2Quick crimp terminations only.

The dual wavelength OFPLK813 loss test set is an economical method to verify an installation. It is supplied in a convenient foam-lined soft pouch that attaches to a tool belt.

Hubbell also provides termination tools required for MT-RJ and LC small form factor connectors.



OFTK03B



OFTP02B



OFCAP



OFCEP



OFCLV2



OFCTOOL1



OFPUCK



OFSCOPE1



OFPM813

OFLS813

Termination Tools for SC/ST-style Connectors

Description	Catalog No.
Connector Termination Kit 16-port (110VAC)	OFTK03B
Connector Termination Kit 8-port (220VAC)	OFTK04B
Delivery: Canned air, 10 oz., tool pouch (OFTP02B) with fiber and cable preparation tools, wipes, epoxy anaerobic adhesive, polishing paper, polishing pad, heat-cure oven, safety glasses, syringes, needles, cure adapters and clips	
Connector Installation Tool Pouch for OPTIchannel™ and 2Quick™ SC/ST-style Connectors	OFTP02B
Delivery: Sapphire scribe, black permanent marker, Kevlar scissors, strip template and polishing fixture, ruler, buffer stripper, stripper/cutter 30-10AWG, 100X microscope assembly, crimp tool and die. (Anaerobic adhesive and polishing paper not included)	
Epoxy replacement kit (6 1g tubes and 6 syringes/needles)	OFCEP
Polishing film replacement kit (25 sheets of 5, 1, and 0.1 micron)	OFLFP
Anaerobic replacement kit (primer and adhesive, 10 syringes/needles)	OFCAP
Crimp Tool Epoxy/anaerobic connector	OFCMT04
SC/ST-style stainless steel polishing puck	OFPUCK
Kevlar scissors	OFSCRS
Hand scribe tool - sapphire blade	OFSCRIBE
Fiber strip tool (900 micron buffered fiber)	OFSTRIP
Epoxy cure adapters for heat-cure oven (pack of 16)	OFCA
400X Microscope	OFSCOPE1
Scribe Guide (Package of 6)	OFSG

Termination Tools for MT-RJ Connectors

Description	Catalog No.
Connector Installation Tool Pouch for MT-RJ Connectors	OFTP03
Installation tool for MT-RJ Connectors	OFCTOOL1
MT-RJ Cleaver	OFCLV2

Termination Tools for LC Connectors

Description	Catalog No.
Connector Installation Tool Pouch for LC Connectors	OFTP04
LC Polishing Puck	OFPUCKLC
LC Epoxy Heat Cure Adapters (Package of 6)	OFCALC

Power Meter Test Instruments

Description	Catalog No.
Dual wavelength optical power meter	OFPM813
Dual wavelength Multimode LED light source	OFLS813
Complete Multimode test set (power meter/LED source) in a soft pouch	OFPLK813



Hubbell Premise Wiring

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