

TOOL & TESTERS



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HC-STM-8

PATENTED 

The HC-STM-8 is an economical and versatile hand-held tester designed for testing UTP cable for length, opens, shorts, reversals, mis-wires, and split pairs. Its rugged state-of-the-art construction, easy-to-read LCD display, and multiple remotes allow one person to quickly test and identify up to four different cable runs from one location. Cable runs can be tested up to 900m (2950 ft.).

Part #	Description
HC-STM-8	UTP cable tester with carrying case, four remotes "A, B, C & D", five universal plug-ended modular cords, wiring guide, 9V alkaline battery, instructions, and warranty card



TESTS ALL WIRING CONFIGURATIONS
Tests T568A, T568B, USOC, 10BASE-T, Token Ring, and TP-PMD wiring configurations



DETERMINES UNKNOWN WIRING
In FIND mode, the HC-STM-8 will detect and identify which wiring scheme is present in the cable being tested



2-WAY COMMUNICATIONS
Generates tone on any pin and, in TALK BAT mode, will enable communications by applying talk battery voltage between the center two pins



TESTS FOR LENGTH
In the LENGTH mode, the HC-STM-8 will determine the distance measurements on any given cable up to 900m (2950 ft.). This feature may be used with all four identifiable remotes



The UTP modular cords are equipped with patented "universal" plugs that fit into any standard 6- or 8-position jack

MT-5000

PATENTED

The MT-5000 is a versatile hand-held 25-pair cable tester that tests for opens, shorts, and miswires from 1- to 25-pairs. It can accommodate combinations of 25-pair and modular jack terminations.

The MT-5000 tests individual conductors, not pairs. This allows testing of all wiring configurations including USOC, T568A and T568B.

The MT-5000 consists of a master and remote unit. The master controls all of the test functions, so one person can perform testing. Test results are reported on a large, easy-to-read LCD display. Each unit has both male and female 25-pair connectors, one 6-position (1-, 2- or 3-pair) modular jack, and one 8-position (4-pair) keyed modular jack. The unit also features a low-battery status indicator, a power input jack, and a power saving auto-off switch. It comes in a padded nylon carrying case with batteries included.

Part #	Description
MT-5000	25-pair cable tester (master and remote) with case and two universal plug-ended modular cords



PALM GUARD

The Siemon Palm Guard is an invaluable tool that assists in the termination process. It has been ergonomically designed to provide a safe and convenient platform for terminating our CT® couplers and MAX™ modules. The Palm Guard absorbs the impact of termination while securing the connector to prevent movement. The adjustable elastic strap allows the Palm Guard to be taken on and off easily, yet still provide a snug fit.

Part #	Description
PG	Palm guard with MAX™ insert

PATENTED



PG with MAX™ module

PG with CT® coupler

RELATED PRODUCTS MAX™ MODULES PAGES 2.6 — 2.10, CT® COUPLERS PAGE 1.8

MODAPT®

This modular adapter allows in-line testing for any plug/jack combination. It includes two 4-pair jacks plus a 152mm (6 in.) modular cord terminated with our patented 4-pair “universal” plug for accessing any standard 6- or 8-position jack. Individual conductors are broken out by pin number and correspond to eight separate test pads. Test equipment can be securely attached to the test pads using alligator clips. For quick reference in the field, USOC, T568A, and T568B wiring charts are printed right onto the Modapt® body. When used with Siemon’s TESTAR® adapter (see page 5.8), S110® test adapter, and S110T® disconnect test adapters, the Modapt® can be used to test connections on S66M®, S110T® disconnect blocks, and S110® blocks.

Part #	Description
MODAPT	Test adapter with one 152mm (6 in.) 4-pair universal plug-ended modular cord
MC-8-005	Replacement 152mm (6 in.) 4-pair universal plug-ended modular cord

PATENTED



S110® TEST ADAPTERS

Siemon 1-, 2-, 3-, and 4-pair S110® test adapters provide a convenient way to test 110 connecting blocks. These adapters plug directly onto any 110 connecting block and provide a modular jack for connection to test equipment or patch cords. It is the only 110 style test adapter that can be attached to both terminated and unterminated 110 connecting blocks without disturbing the conductors. All adapters (except for the one-pair version) are end-stackable.

Part #	Description
TAP-110-U1	1-pair, 6-position test adapter, USOC wiring
TAP-110-E2	2-pair, 8-position test adapter, 10BASE-T wiring
TAP-110-UT	2-pair, 8-position test adapter, Token Ring/USOC wiring
TAP-110-U3	3-pair, 6-position test adapter, USOC wiring
TAP-110-U4	4-pair, 8-position test adapter, USOC wiring
TAP-110-T4	Category 5e compatible, 4-pair, 8-position test adapter, T568A wiring
TAP-110-A4	Category 5e compatible, 4-pair, 8-position test adapter, T568B wiring

PATENTED



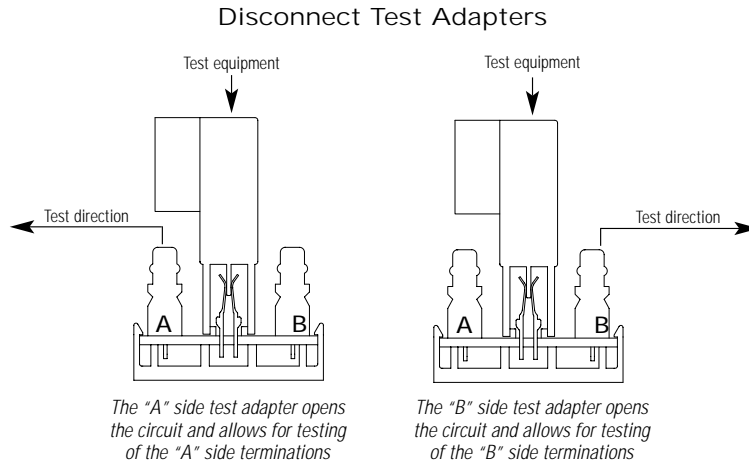
1-pair 2-pair 3-pair 4-pair

RELATED PRODUCTS S110® VOICE AND DATA DISTRIBUTION PANELS AND COMPONENTS PAGE 1.5 & PAGES 2.2 — 2.4

S110T DISCONNECT TEST ADAPTERS



For use with S110® based disconnect phone bridges, the disconnect and monitor test adapters offer the ability to isolate a circuit for testing or monitoring without removing cable terminations. The adapters are keyed and plug into the disconnect module located between the "A" side and "B" side connecting blocks.



Disconnect Test Adapters



Part #	Description
S110T-T4-A	Category 5e compatible, 4-pair T568A, "A" side test adapter
S110T-A4-A	Category 5e compatible, 4-pair T568B, "A" side test adapter
S110T-U4-A	4-pair, USOC, "A" side test adapter
S110T-T4-B	Category 5e compatible, 4-pair T568A, "B" side test adapter
S110T-A4-B	Category 5e compatible, 4-pair T568B, "B" side test adapter
S110T-U4-B	4-pair, USOC, "B" side test adapter



Additional Disconnect Test Adapters and Kits

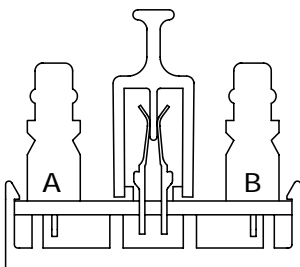
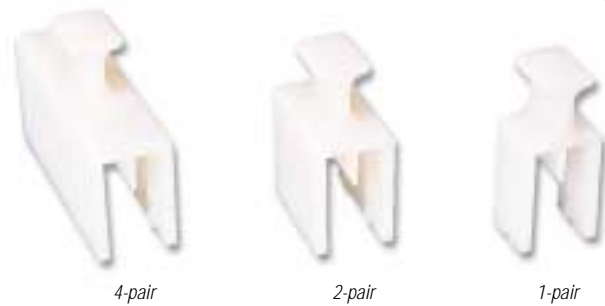
Part #	Description
S110T-1	1-pair modular test adapter
S110T-2	2-pair modular test adapter

RELATED PRODUCTS HC-110T-80 VOICE PANEL PAGE 1.5, HC110T DISCONNECT PHONE BRIDGE PAGE 5.2

S110T DISCONNECT PLUGS



Part #	Description
S110T-DP-4	4-pair disconnect plug
S110T-DP-2	2-pair disconnect plug
S110T-DP-1	1-pair disconnect plug



The disconnect plug is inserted to open the circuit for maintenance or service disconnection. When inserted into the disconnect module, "A" side terminations are isolated from "B" side terminations.

S110® MULTI-PAIR TERMINATION TOOL

ENHANCED PATENTED

The Siemon S788J4 multi-pair termination tool is a versatile impact tool designed to terminate and cut UTP cable, and seat connecting blocks. The impact mechanism and termination blades have been designed to reliably terminate and cut UTP cable the first time, every time. The tool features an easy to hold, ergonomically designed handle that helps reduce fatigue when trimming wire or seating connecting blocks to the wiring base.



Part #	Description
S788J4	4-pair S110® termination tool
S788J4B	4-pair S110® replacement cutting blade and insertion assembly
S788J4H	4-pair S110® replacement head for impact tool, including housing, cutting blade and insertion assembly

S814 IMPACT TOOL

The S814-110 impact tool terminates wires on 66 and 110 clips. The tool is spring-loaded and fully adjustable; a helpful feature when working with wires of varying thicknesses. The bayonet-style mount allows the blades to be changed quickly and easily. A compartment in the handle stores an extra blade.



Part #	Description
S814-110	Tool body with 110 termination blade
S81401-66	66 termination blade
S81401-110-88	110 termination blade

SBT

PATENTED

This economical, pocket-sized tool terminates 66 and 110 clips. It is a non-impact tool, with reversible termination blades that are inexpensive and easy to replace.



Part #	Description
SBT-110	Tool body with 110 termination blade
SBT01	66 termination blade
SBT01-110	110 termination blade

CI-KIT2

Siemon's CI-KIT2 provides all the tools that an installer needs for day-to-day activities. Included in the kit is an S814 impact tool with 66 and 110 termination blades, a probe pic, electrician's scissors, a mini flathead screwdriver, and our popular AllPrep™ cable preparation tool. These tools are stored in a handy, lightweight clip-on pouch which allows the installer to cut, strip and terminate cabling without having to carry separate tools or larger tool kits.



Part #	Description
CI-KIT2	Clip-on tool kit with HC-S814 impact tool, (with 66 and 110 termination blades), probe pic, electrician's scissors, mini flathead screwdriver, and AllPrep™ cable preparation tool
CI-POUCH2	Clip-on HC-CI-KIT2 tool pouch only

ALLPREP™ CABLE PREPARATION TOOL

The CPT-RGTP AllPrep™ cable preparation tool provides a simple and effective method of preparing both coaxial and twisted-pair cable for termination. The tool features two dies color-coded by media type. The coaxial die strips RG59 and RG6 coaxial cable and the twisted-pair die strips a wide variety of UTP, screened and fiber cables.

Part #	Description
CPT-RGTP	AllPrep™ cable preparation tool for coax/twisted pair cables
CPT-DIE-RG	Replacement coax die (black)
CPT-DIE-TP	Replacement twisted-pair die (yellow)

RELATED PRODUCTS UTP CABLE PAGE 3.6, COAX CABLE PAGE 3.7



PT-908 MODULAR PLUG CRIMP TOOL

This 3-in-1 ratchet-style crimp tool cuts, strips, and crimps modular plugs on either round or flat cables. The parallel action design maintains accurate alignment of the die with the plug for a precision crimp every time. The PT-908 comes with a padded carrying case which includes a storage compartment for carrying spare dies, replacement stripper blades, and modular plugs, and will attach to a technician's belt.

Part #	Description
PT-908	Crimp tool with built-in round cable cutter/stripper, 8-position die set and padded nylon carrying case
PT-908-D	Crimp tool with built-in round cable cutter/stripper, 8-position die set packaged in a clear plastic display case
PT-DIE-8	8-position die set
PT-DIE-6	6-position die set
PT-BLD	Standard replacement blade (long) with screws and allen wrench
PT-BLD-F	Optional blade (short) required to strip flat cable; includes screws and allen wrench

RELATED PRODUCTS MODULAR PLUGS PAGE 3.4



COAXIAL CRIMP TOOL

The RG-T coax crimp tool's jaw includes two crimp pockets and allows proper termination of both RG59, 8.2mm (0.32 in.) and RG6, 9.1mm (0.36 in.) F-type connectors onto coaxial cable without changing the crimping jaw. The ratchet design ensures proper crimping of the connector without damage to the cable. The tool is constructed using high carbon steel and features an ergonomically designed handle for a comfortable grip.

Part #	Description
RG-T	Coax crimp tool
RG-T-DIE	Replacement RG59/RG6 die

RELATED PRODUCTS RG6 F-TYPE CONNECTORS PAGE 3.4



WALL BOX LOCATOR

The Mountit™ wall box locator attaches to a piece of standard 12.7mm (0.5 in.) EMT conduit and provides an easy and accurate means for locating and installing electrical boxes. Thumb screw allow the depth of the box location to be easily adjusted.

Part #	Description
HC-MNT	Wall box locator



PERIMETERS™ RACEWAY INSTALLER LEVEL

The Perimeters™ raceway level is designed for use with Siemon's Perimeters™ raceway system. The level is constructed of durable lightweight material and contains easy to read level guides to ensure proper raceway installation.

Part #	Description
PRT-L	Raceway installer level



RELATED PRODUCTS PERIMETERS™ RACEWAY PAGE 2.14

PERIMETERS™ RACEWAY INSTALLER HACKSAW

For use with Siemon's Perimeters™ raceway system, this saw features an easy-grip handle and a 24 teeth per inch blade.

Part #	Description
PRT-S	Raceway installer hacksaw



RELATED PRODUCTS PERIMETERS™ RACEWAY PAGE 2.14

LIGHTSPEED® SC TERMINATION KIT

Achieve faster fiber terminations and higher performance with Siemon's *LightSpeed®* Termination Kit. The Siemon fiber termination kit contains all the tools and consumables required for termination of up to 200 multimode SC connectors — packaged in a rugged canvas carrying case. The termination kit includes Siemon's *LightSpeed®* adhesive system, which features a 30-second cure time.

Part #	Description
FTERM-L	<i>LightSpeed®</i> Fiber Termination Kit for SC multimode connectors, includes 27 items (tools/consumables), instructions and case
FT-CKIT-L	Consumables Kit for FTERM-L

Note: Contents of FTERM Termination Kit are also available individually. Contact our Customer Service Department for more information. This product contains material with a time and temperature sensitive life. Verify expiration date prior to use. Store between 40 - 100 degrees F.



RELATED PRODUCTS SC CONNECTORS PAGE 2.15

AUTOMATED FIBER POLISHER

Siemon's automated fiber polisher (FPOL) is designed to perform a high-quality polish in just 15 seconds (7.5 seconds per connector), reducing polishing time by 66%. Insertion loss is typically 0.2dB or less.

Part #	Description
FPOL	Automated fiber polisher includes: one 9V battery, one spare 9V battery, 100 polishing discs, 10 air polishing sheets, work holder, water bottle, 120 volt AC adapter, hard shell carrying case, and instructions



Contents of FPOL also available individually. Contact our Customer Service Department for more information.