

Tools and Testers

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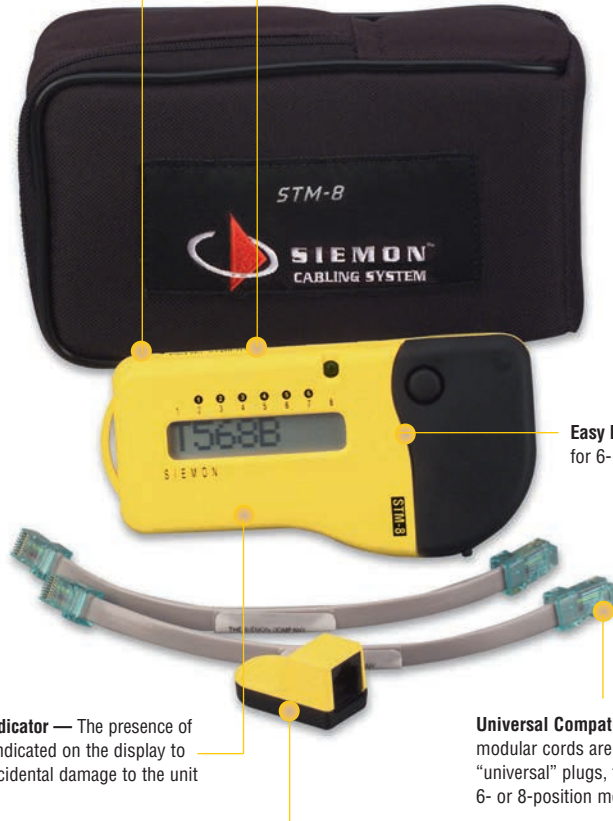
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STM-8

The STM-8 is an economical and versatile hand-held tester designed for the testing of UTP and shielded cabling for opens, shorts, reversals, miswires, split pairs and cable length. 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.

Extended Battery Life — A low battery status indication is provided, as well as automatic shut-off

Long Length Testing — Test cable runs up to 900m (2952 ft.)



Easy Reference — Indications for 6- and 8-position jacks

Line Voltage Indicator — The presence of line voltage is indicated on the display to help prevent accidental damage to the unit

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

Multi-Location Testing — Additional remotes can be purchased separately



Tests All Wiring Configurations

Tests T568A, T568B, USOC, 10BASE-T, Token Ring, and TP-PMD wiring configurations.



Determines Unknown Wiring

In FIND mode, the STM-8 will detect and identify which wiring scheme is present in the cabling being tested.



Determines Cable Length

In the LENGTH mode, the STM-8 will determine the distance measurements on any given cable link up to 900m. This feature may be used with all four identifiable remotes.

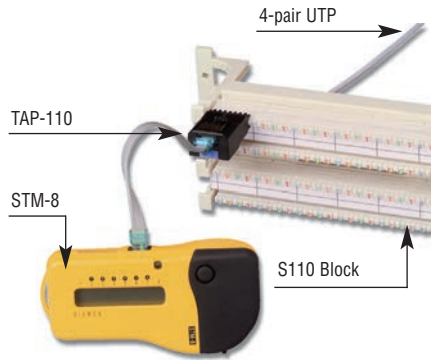
STM-8 and STM-8-S

Part #	Description
STM-8	UTP (unshielded, twisted-pair) tester. Includes carrying case, remote "A", two universal plug-ended modular cords, wiring guide, 9V alkaline battery, instructions and warranty card
MC-8-005	Universal plug-ended modular replacement cord

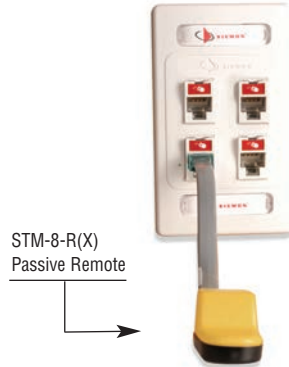


Horizontal Cross-Connect

The S110® Test Adapter can be used to test horizontal cabling that is terminated on 110-type connecting blocks



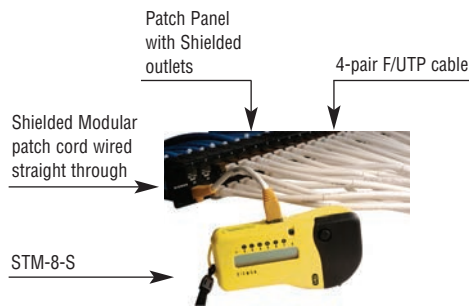
Work Area Outlet



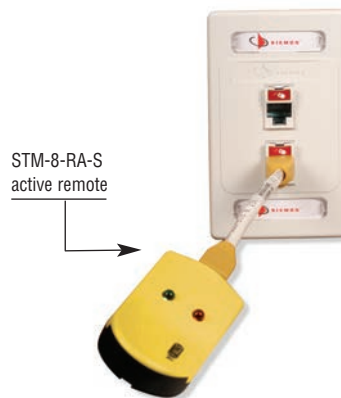
STM-8-S	Shielded twisted-pair tester. Includes carrying case, active remote, two screened modular cords, wiring guide, 9V alkaline battery, instructions, and warranty card
MC5-S-8-005	Shielded modular replacement cord



Horizontal Cross-Connect



Work Area Outlet



Accessories

Siemon's active remote utilizes a shielded jack for testing both UTP and shield continuity of F/UTP cabling. LEDs on remote indicate test results after each test cycle; solid green LED flash for pass and solid red LED flash for fail. Identifiable passive remotes are also available for testing multiple locations.

STM8-RA-S.....
Active remote for UTP or F/UTP with two shielded modular cords, instructions, 3V lithium battery, and warranty card



STM8-R(X).....
Additional identifiable UTP passive remotes
Use (X) to specify remote identity:
A = Remote A,
3 = Kit of Remotes B, C, and D



25-Pair Test Adapters

Siemon 25-pair test adapters are designed for accessing all 25 pairs on a 66M connecting block. A positive connection ensures accurate testing with easy installation and removal. They can also be used to field-connect 66M blocks. Available with either male or female 25-pair connectors.

Part #	Description
TAP-50F.	25-Pair S66™ test adapter with female connector
TAP-50M.	25-Pair S66 test adapter with male connector

See page 9.23 for 25-pair cable assemblies.



TAP-50

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 and S110® test adapter, the MODAPT can be used to test connections on S66M and S110 blocks.

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



TESTAR®

The TESTAR creates easy test access to 66 quick clips. It plugs directly onto S66M blocks, establishing a positive connection and providing a 4-pair modular jack for plugging in test equipment. The body is moulded in blue plastic and has moulded-in finger grips for easy handling.

Part #	Description
TESTAR-8T-C5.	Category 5e compatible, 4-pair, 8-position, TESTAR, T568A
TESTAR-8A-C5.	Category 5e compatible, 4-pair, 8-position, TESTAR, T568B



Other TESTARs

The positive connection made by the TESTAR eliminates possible problems associated with handling alligator clips or test probes such as accidental shorting across terminals or intermittent test connections. Test equipment is inserted into the TESTAR through a 1-, 2-, 3-, or 4-pair modular jack. To utilise equipment requiring alligator clips, our MODAPT® adapter can be plugged into the TESTAR.

Part #	Description
TESTAR-2.	1-Pair, 6-position, TESTAR, USOC
TESTAR-4.	2-Pair, 6-position, TESTAR, USOC
TESTAR-6.	3-Pair, 6-position, TESTAR, USOC
TESTAR-8R1.	4-Pair, 8-position, TESTAR, USOC
TESTAR-8.	4-Pair, 8-position, TESTAR, T568B
TESTAR-8T.	4-Pair, 8-position, TESTAR, T568A

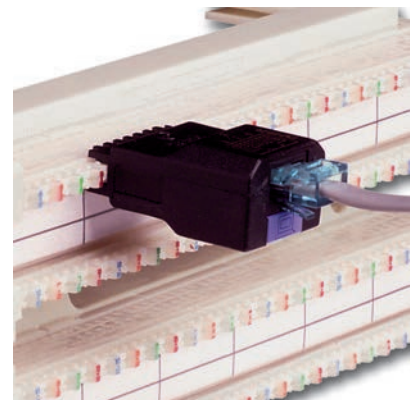


S110® Test Adapters

Siemon's 4-pair S110 test adapters provide a convenient way to test 110-type connecting blocks. These adapters plug directly onto any 110-type 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. The adapters are end-stackable, and are polarised to prevent incorrect insertion.

The adapters have an area for a coloured icon (a blue and red icon are included) for additional identification. They are available in T568A and T568B wiring configurations and are Category 5e compatible.

Part #	Description
TAP-110-T4.	Category 5e compatible, 4-pair, 8-position, S110 test adapter, T568A
TAP-110-A4.	Category 5e compatible, 4-pair, 8-position, S110 test adapter, T568B



Technical Tip!

The adapters utilise a unique, spring-loaded contact design to ensure a reliable connection without disturbing existing cross-connect terminations. This also extends the life-cycle of the test adapter.



4-pair

Termination Tools

Z-TOOL™

The Z-TOOL is an integral part of the exclusive Z-MAX® termination process and is used with both UTP and shielded Z-MAX modules. This easy-to-use and ergonomic designed tool is used both to secure the cable retention/grounding clip and to fully engage the termination module into the back of the outlet.

Alignment Aids — Keyed guide ensures correct outlet insertion during termination

Attachment Point — For key ring or lanyard and rack-mount capability

One-Handed Activation — Allows final Z-MAX termination step to be accomplished with one hand for operation space-restricted areas

Ergonomic — Minimal hand strain, limited pressure and zero-impact for comfortable repeatability

Retention Clip Locking — Additional function closes and locks hinged cable retention/grounding clip

Slim Profile — To fit in a pocket or toolbox

Ordering Information:

Part #	Description
Z-TOOL	Z-MAX Termination Tool

S110®/S210® Multi-Pair Termination Tools

The Siemon S110/S210 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.

<p>S788J4-210..... 4-Pair S210 termination tool</p>	<p>S788J4B-210..... 4-Pair S210 replacement cutting blade and insertion assembly</p>	<p>S788J4H-210..... 4-Pair S210 replacement head for impact tool, including housing, cutting blade and insertion assembly</p>
<p>S788J4..... 4-Pair S110 termination tool</p>	<p>S788J4B..... 4-Pair S110 replacement cutting blade and insertion assembly</p>	<p>S788J4H..... 4-Pair S110 replacement head for impact tool, including housing, cutting blade and insertion assembly</p>
<p>S788J5..... 5-Pair S110 termination tool</p>	<p>S788J5B..... 5-Pair S110 replacement cutting blade and insertion assembly</p>	<p>S788J5H..... 5-Pair S110 replacement head for impact tool, including housing, cutting blade and insertion assembly</p>

MAX[®] TurboTool[™]

Simon's MAX TurboTool significantly reduces the time associated with the termination of Category 5e and 6 UTP MAX outlets in as little as 18 seconds. In contrast to single conductor punchdown tools which require eight individual termination cycles for each outlet, the MAX TurboTool seats and cuts all 8 conductors with a single action.

Durable Construction — 13 gauge CRS ensures reliable operation through daily handling

Definitive Ratcheting Action — Provides positive audible and tactile feedback indicating that the termination process is complete

Established Platform — The tool shares the same proven core ratcheting platform as Simon's PT-908 crimp tool which has been in the market for nearly 20 years

High Contrast Colours — Provide optimal visibility to prevent tool from inadvertently being left behind in low light areas



Replaceable Termination Cartridges — Allows the wearable part of the tool to be readily replaced

Retention Clip — Ensures outlets are fully seating prior to termination

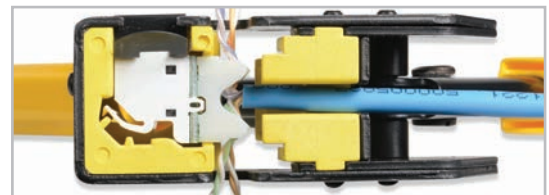


Flat

Angled

Keystone

The tool supports termination of all Category 5e and 6 MAX outlets – flat, angled and keystone



The rear cable channel provides cable access for the full range of Category 5e and 6 UTP cable sizes while the side slots provide clearance for laced twisted-pair conductors

Ordering Information:

Part #	Description
MAX-TT.....	MAX TurboTool



Part #	Description
MAX-TTREP.....	Replacement MAX TurboTool cartridge kit - Includes outlet nesting die, termination die, attachment hardware and Allen wrench



S814 Impact Tool

The S814 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, and a compartment in the handle stores an extra blade.



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

Technical Tip!
Termination blades for Siemon punch down tools are reversible – one end terminates and cuts off the excess wire, the other end terminates without cutting.

Palm Guard

The Siemon palm guard has been ergonomically designed to provide a safe and convenient means of terminating our flat or angled CT couplers and MAX® modules. The palm guard absorbs the impact of termination while securing the connector to prevent movement. Includes an adjustable elastic strap and a removable insert, which can be used to hold MAX modules while terminating on flat surfaces.



Part #	Description
PG	Palm guard with MAX insert
PG-MX6	MAX Insert

CI-KIT

The CI-KIT provides all the tools that a telecommunications technician 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, mini flathead screwdriver, and a CPT-WEB 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-KIT	Clip-on tool kit with S814 impact tool (with 66 and 110 termination blades), probe pic, electrician's scissors, mini flathead screwdriver, and CPT-WEB tool
CI-POUCH	Clip-on CI-KIT tool pouch only

CI-KIT2

Siemon's CI-KIT2 includes all the components of the standard CI-KIT, with the addition of our popular AllPrep™ cable preparation tool in place of the CPT-WEB tool. Also, a "D-Ring" has been added to carry additional tools. 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.



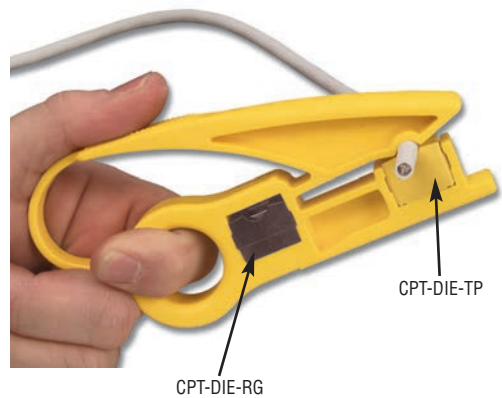
↑
"D-Ring"

Part #	Description
CI-KIT2	Clip-on tool kit with 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 CI-KIT2 tool pouch only

AllPrep™ Cable Preparation Tool

The AllPrep cable preparation tool provides a robust and reliable method of preparing both coaxial and twisted-pair cable for termination. The tool features two colour-coded dies that are interchangeable for each media type. The coaxial die strips RG59 and RG6 coaxial cable and the twisted-pair die strips a wide variety of UTP, shielded and fibre cables.

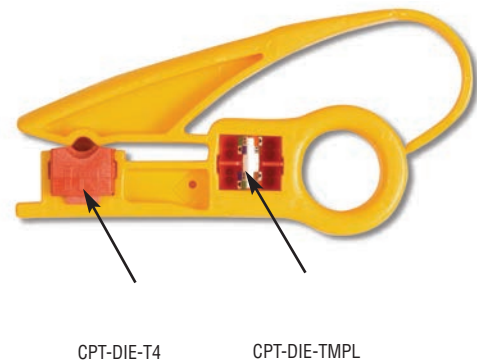
Part #	Description
CPT-RGTP.	AllPrep cable preparation tool for coax/twisted pair cables
CPT-DIE-RG.	Replacement coax die (black)
CPT-DIE-TP.	Replacement twisted-pair die (yellow)
CPT-DIE-6A.	Replacement Category 6A UTP die (green)



TERA® Cable Preparation Tool

The TERA cable preparation tool significantly reduces the time required to prepare fully shielded (S/FTP) cable. The tool includes an insert die with a blade, which is specifically designed to accurately strip the jacket and foil from 4-pair fully shielded cable without damaging the conductors. A template is also included to pre-align cable pairs and ensure proper pair positioning during termination.

Part #	Description
CPT-T.	TERA preparation tool. Includes CPT-DIE-T4 and TERA cable preparation template
CPT-DIE-T4.	Replacement TERA cable die (red)
CPT-DIE-TMPL.	Replacement TERA wiring guide (red)



CPT

The CPT provides a simple and effective method to remove the outer cable jacket from 2-, 3-, or 4-pair cables without damaging the inner conductor insulation. The CPT is recommended for use with any round cable with an exterior diameter from 2.54 – 6.35mm (0.1 - 0.25 in.) and an outer jacket thickness from 0.380 – 0.635mm (1.015 - 0.25 in.).

Part #	Description
CPT.	Cable preparation tool



CPT-WEB

The CPT-WEB is designed to easily strip the outer cable jacket, flatten and separate the webbed conductors of Siemon's Category 5e cross-connect jumper wire and other UTP cable with webbed conductor pairs.

Part #	Description
CPT-WEB.	Webbed cable preparation tool



PT-908 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.

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.....
Replacement 8-position die set



PT-DIE-6.....
6-position die set



Technical Tip!

Siemon does not recommend field termination of modular cords. We recommend the use of factory-terminated and tested modular cords for any Category 5e or higher application.