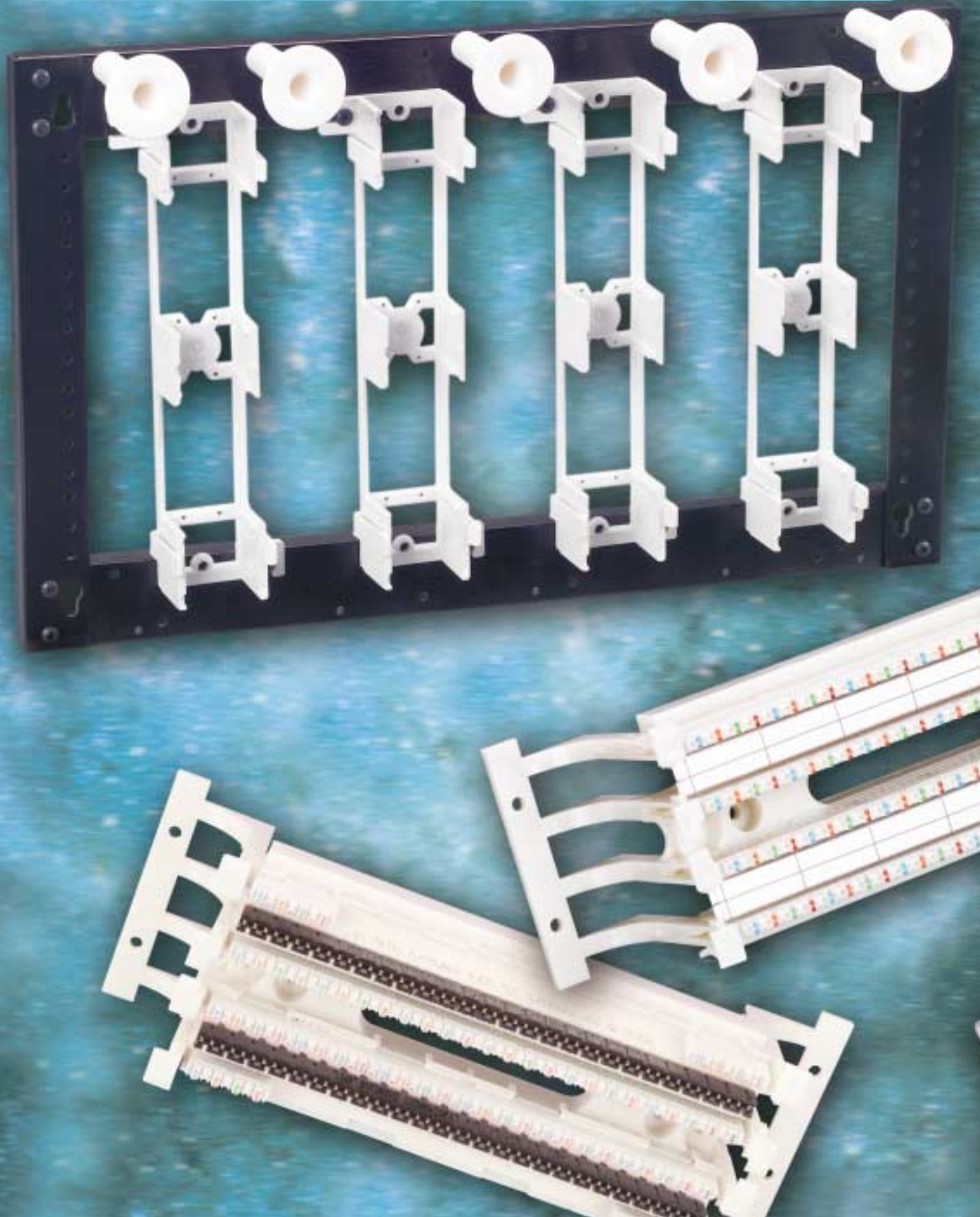


VOICE & DATA DISTRIBUTION COMPONENTS



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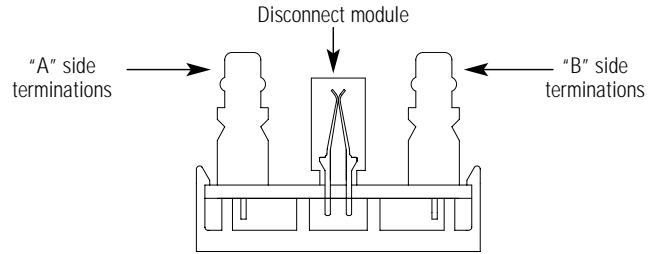
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HOW THE DISCONNECT BLOCK WORKS

The disconnect block is category 5e compliant in its "normal through" circuit state, and is category 5 when connected through a category 5 disconnect test adapter.

S110® blocks and disconnect modules are mounted on a printed circuit board. "A" side terminations and "B" side terminations are electrically common until a test adapter monitor or disconnect plug is inserted into the disconnect module.



HC110T DISCONNECT PHONE BRIDGE

PATENTED   

Siemon's HC110T Disconnect phone bridge is the perfect connecting block for easily distributing up to four different phone circuits to multiple locations. By utilizing our patented printed circuit board technology, we have created a punch block that eliminates the need to cross connect cables.

Part #	Description
HC110T-25	25-pair disconnect phone bridge without legs (for up to 6 locations)
HC110T-25L	25-pair disconnect phone bridge with detachable legs (for up to 6 locations)
HC110T-50	50-pair disconnect phone bridge without legs (for up to 12 locations)
HC110T-50L	50-pair disconnect phone bridge with detachable legs (for up to 12 locations)

For detailed schematics, please contact our Customer Service Department



RELATED PRODUCTS S110T TEST ADAPTERS AND DISCONNECT PLUG PAGE 4.4, HC-S788J4 S110® MULTIPAIR TERMINATION TOOL PAGE 4.5

- Blocks are available with optional stand-off legs that are detachable before, during, or after installation
- High-strength disconnect contacts plated with palladium nickel and gold provide high reliability and durability
- 1-, 2-, and 4-pair test probes are available to isolate and test either the input or output sides, or to monitor the circuit without breaking the connection

S110® FIELD TERMINATION KITS

PATENTED   

Siemon S110® field termination blocks combine category 5e performance with unparalleled installation features. Complete S110® installation kits include S110® wiring blocks with detachable legs, S110® connecting blocks, and clear label holders with white designation labels.

Part#	Description
S110A(X)1-50FT	50-pair S110® field termination kit height: 45.7mm (1.80 in.), width: 272mm (10.71 in.), depth: 82.8mm (3.26 in.)
S110A(X)2-100FT	100-pair S110® field termination kit height: 91.4mm (3.60 in.), width: 272mm (10.71 in.), depth: 82.8mm (3.26 in.)

Use (X) to specify the connecting blocks: A = 5-pair, B = 4-pair, C = 3-pair, D = 2-pair

Each kit includes adequate connecting blocks to complete each 25-pair termination strip on the S110® wiring block (e.g. S110AB2-100 FT includes five 4-pair and one 5-pair connecting block per 25-pair termination strip, or a total of twenty 4-pair and four 5-pair connecting blocks)



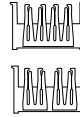
RELATED PRODUCTS HC-S788J4 S110® MULTIPAIR TERMINATION TOOL PAGE 4.5

- Patented openings between rows allow horizontal cables to be routed from behind the panel ensuring optimum category 5e performance
- S110® 50- and 100-pair wiring blocks can be detached from their mounting legs to provide easy access to cables before, during and after installation
- Designation strip with interchangeable colored labels with can be mounted in the center and/or outside positions of the wiring block

S66M1-50 BLOCK

The S66M1-50 is fully compatible with all industry standard accessories while providing a proven, economical solution for terminating high performance UTP cable. The wide range of mounting accessories allows the S66M1-50 to be installed in almost any environment.

Part #	Description
S66M1-25	Category 5e connecting block, 25-pair capacity, Quick Clip: 569
S66M1-50	Category 5e connecting block, 50-pair capacity, Quick Clip: 500



PATENTED  Category 5e S66™ clip design provides high-performance and durability

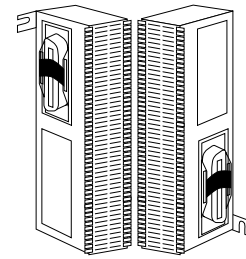
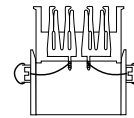
PRE-WIRED M2 SERIES

The pre-wired S66™ block includes two female 25-pair connectors oriented for top cable entry and is equipped with Siemon's patented universal connector holddown (available in black only).

Part #	Description
S66M2-5W	Pair capacity – 50 Two female 25-pair connectors

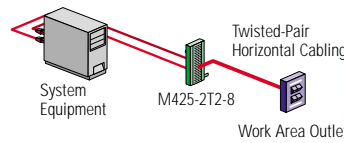
Pre-wired S66™ blocks can be ordered with the pair twisting maintained between the S66™ clip and the 25-pair connector or modular jack for optimum transmission performance. The pre-wired S66™ block is category 3 compliant when ordered with twisted pair wiring.

To order blocks with the twisted-pair option, add the suffix “-TP” to the end of the part number. Add “B” for back mounted connector (not shown)



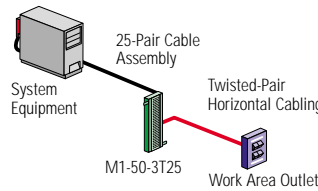
S66M425-2T2-8

This block is pre-wired to eight 6-position, 2-pair modular cords, each 0.61m (2 ft) long, and is also equipped with an S89E bracket, clear plastic cover, and designation labels. It is ideal for use with 2-pair key systems that have modular jacks. Two-pair horizontal cables are punched down on the face of the block and the modular cords are plugged into the ports of the key service unit.



S66M1-50-3T25

Designed for use with key systems that have a 25-pair male connector, this block is also ideal for 10BASE-T hubs that have a 25-pair male connector. It provides a 0.91m (3 ft) long, high-performance 25-pair cable that is category 3 compliant, punched down to Row D. Also comes with a protective cover and labels for 2- and 3-pair systems.



DESIGNATION STRIPS

Designation strips mount quickly and easily on the fanning strips of S66™ blocks. The strips provide a labeling surface and are color-coded.

Part #	Description	Part #	Description
C10-0	Clear designation strip	D10-5	Yellow lined designation strip
C10	White blank designation strip	D10-6	Blue lined designation strip
D10	White lined designation strip	D10-7	Green lined designation strip
D10-3	Red lined designation strip		

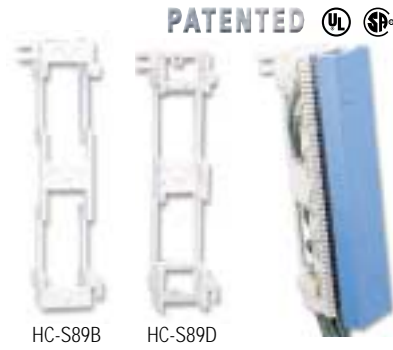


STAND-OFF BRACKETS FOR S66™ BLOCKS

Simon's brackets are designed to create clean, efficient, and space-saving installations when used with S66™ connecting blocks. They are open-ended to enable installers to lay in cable before snapping a block into place. 25-pair connectors and/or modular components can be mounted on the sides or back of the brackets. The brackets are molded from flame retardant thermoplastic.

Part #	Description
S89B	Use with M1-25 or M1-50 blocks. Can mount one 25-pair connector on each side
S89D	Use with all M4 X 50 blocks. Can mount two 25-pair connectors on each side and four on the back

The stand-off brackets (S89D shown) allow cables to be routed behind blocks and provide a means to route cables to the front of the block for termination.

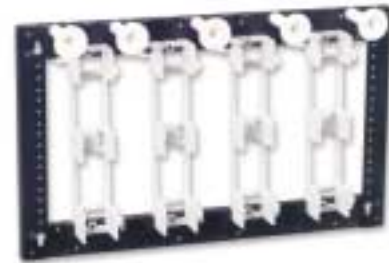


CROSS-CONNECT FRAMES FOR 66 BLOCKS

Simon cross connect frames allow efficient mounting of multiple 66 blocks. They are provided with stand off brackets and wire distribution spools.

Part #	Description
CC-2014-TS-DC	4 bracket capacity frame with top spool and 4 S89D brackets.
CC-2015-TS-DC	5 bracket capacity frame with top spool and 5 S89D brackets.

height: 311.2mm (12.25 in), width: 514.4mm (20.25 in), depth: 94.0mm (3.70 in)



RELATED PRODUCTS S66™ CONNECTING BLOCKS PAGE 5.5

LASTING HINGE COVERS

Made from flame-retardant thermoplastic, these covers protect the 66 quick clips and provide a convenient surface for marking circuit designations. Each cover is hinged and can be easily removed and replaced. There are two depths for the covers; the standard-profile allows for standard plug-on accessories, and the high-profile cover allows for larger accessories.

Part #	Description
MC425LH-(X)	Cover for M425-type block
MC4LH-(X)	Cover for M450-type block
MC4LH-HP-(X)*	High-profile cover for M450-type block

Use (X) to specify color: 2 = white, 3 = red, 4 = gray, 5 = yellow, 6 = blue, 7 = green, 8 = violet, 9 = orange, 60 = brown
**High-profile available in orange and gray only*



TESTAR®

The TESTAR® provides easy test access to 66 quick clips. It plugs directly onto a 66M block, establishing a positive connection and provides a modular jack interface for plugging in test equipment. To utilize equipment requiring alligator clips, our MODAPT® adapter (page 4.3) can be plugged into the TESTAR®.

Part #	Description	Part #	Description
TESTAR-8T-C5	Category 5, 4-pair, TESTAR® with T568A wiring	TESTAR-2	1-pair adapter, USOC wiring
TESTAR-8A-C5	Category 5, 4-pair, TESTAR® with T568B wiring	TESTAR-4	2-pair adapter, USOC wiring
		TESTAR-6	3-pair adapter, USOC wiring
		TESTAR-8R1	4-pair adapter, USOC wiring
		TESTAR-8T	4-pair adapter, T568A wiring
		TESTAR-8	4-pair adapter, T568B wiring



BRIDGING CLIPS

PATENTED

These industry standard bridging clips are used to connect adjacent quick clips on 66 blocks. The clips are easy to remove for isolating and testing incoming pairs from outgoing pairs and are reusable.

Tin-plated Copper Alloy Clips:

Part #	Description
SA1-(XXXX)	2-position clip
SA1B-50	3-position clip, 50 per polybag
SA1C-50	4-position clip, 50 per polybag

Use (XXXX) to specify quantity: 25 = 25/bag, 50 = 50/bag, 100 = 100/bag, 1000 = 1000/bag

Stainless Steel Clips:*

Part #	Description
SA1-SS-(XXXX)	2-position clip, stainless steel

*Not recommended for use with data applications.



Colored Bridging Clips

Each of these plug-on adapters contain two standard SA-1 bridging clips, so they actually bridge a complete pair when installed, not just a single wire. The plastic housings are color-coded and protect the quick clip.

Part # Description

SMBC-2-(X)	Bridging clip
TPE	Test Probe/Extractor

Use (X) to specify color: 2 = white, 3 = red, 5 = yellow, 6 = blue, 7 = green, 8 = violet

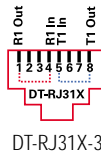
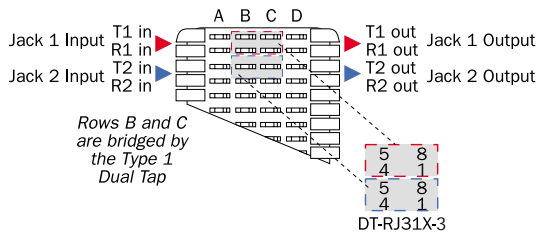


TYPE 1 DUAL TAP®

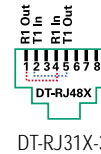
PATENTED

The Type 1 Dual Tap® utilizes internal shorting bars that bridge together the left and right side of a split 66M block until a modular plug is inserted into the jack. Insertion of a modular plug separates the internal shorting bars. This enables an electronic device such as an automatic dialer to be connected in series or in parallel with both the input and output side of each line pair.

All Type 1 Dual Tap® applications are defined by FCC Universal Service Order Codes (USOC) which determine how registered terminal equipment must be connected to the public switching network. The arrangement of the jack's internal connections are different for each illustrated below. Dotted lines indicate the location of shorting bars and solid line (DT-RJ38X only) indicates the location of a permanent bridging strap.



DT-RJ31X-3



DT-RJ48X-7



Part # Description

DT-RJ31X-3	Red adapter with 2 RJ31X jacks
DT-RJ48X-7	Green adapter with 2 RJ48X jacks

Application

Provides network connection of automatic dialers, alarm dialers, and automatic answering machines.

Provides network connection of 1.544 Mbps digital services, such as a T1 multiplexer. Typically T1 circuits are wired to the input side of a split S66M block, and the output side of the block is wired to a PBX. The DT-RJ48X plugs into both sides of the block and the T1 multiplexer plugs into the DT-RJ48X Jacks.

25-PAIR TEST ADAPTER

PATENTED

The 25-pair test adapter is designed for accessing all 25-pairs on a 66M block. A positive connection with the quick clip ensures accurate testing, and our dual-handed design makes for easy installation and removal. It can also be used to field-connectorize 66M blocks. Available with either male or female 25-pair connectors.

Part # Description

TAP-50F	Adapter with female 25-pair connector
TAP-50M	Adapter with male 25-pair connector

