

# S110® Connecting Block System

Siemon's S110 connecting block systems and accessories combine Category 5e performance with user-friendly installation features.

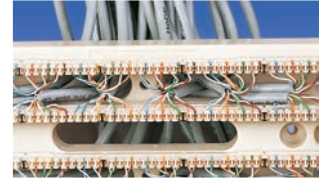
- Multi-application support — Ideal for use in cross-connect and consolidation point applications
- Durable design — Rugged high impact, flame-retardant polycarbonate easily withstands force of impact tools
- Full line — Complete system includes field terminated and pre-wired blocks, connecting blocks, patch cords, cable managers and more.

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# S110® Connection System

Siemon S110 field termination kits combine Category 5e performance with unparalleled installation features. Each kit includes connecting blocks to complete each 25-pair termination strip on the S110 wiring block.



### Patented Cable Access Openings

Allow cables to be routed through the rear of the block directly to the point of termination.



### Detachable Blocks

Another patented Siemon innovation allows 50- and 100-pair wiring blocks to be detached from their mounting legs providing easy access to cables.

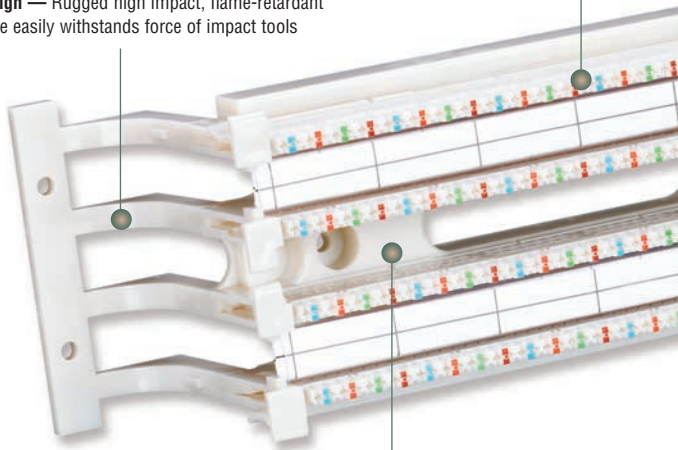


### Labelling

Designation strips with interchangeable coloured labels can be mounted in the centre and/or outside positions.

**Block Markings** — Termination strips on the base are marked in 5-pair increments. Connecting blocks are colour-coded

**Durable Design** — Rugged high impact, flame-retardant polycarbonate easily withstands force of impact tools

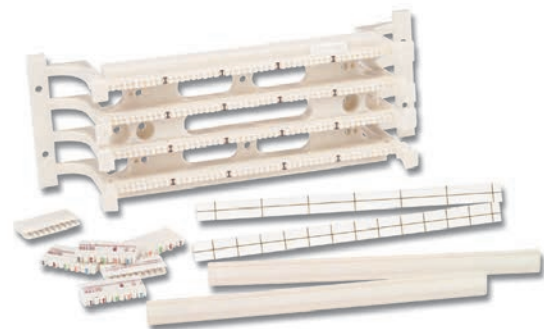


**Multi-Application Support** — Ideal for use in cross-connect and consolidation point applications

## S110 Field Termination Kits

Complete S110 installation kits include S110 wiring blocks with detachable legs\*, S110 connecting blocks, and label holders with white designation labels.

Part #	Description
S110A(X)1-50FT. . . . .	50-Pair S110 field termination kit height: 45.7mm (1.8 in.) width: 272mm (10.7 in.) depth: 82.8mm (3.3 in.)
S110A(X)2-100FT. . . . .	100-Pair S110 field termination kit height: 91.4mm (3.6 in.) width: 272mm (10.7 in.) depth: 82.8mm (3.3 in.)
S110A(X)2-300FT*. . . . .	300-Pair S110 field termination kit height: 274mm (10.8 in.) width: 272mm (10.7 in.) depth: 82.8mm (3.3 in.)



Use (X) to specify connecting block size: A = 5-Pair, B = 4-Pair

\*Legs detachable on 50- and 100-pair version only.

## S110® Connecting Blocks

Siemon category 5e S110C blocks terminate 22-26 AWG (0.64mm-0.40mm) solid or 7-strand wires. They also offer markings to designate tip and ring conductors and colour-coded pairs on each block and a patented single-piece, robust construction.



S110C-4. . . . .  
4-Pair connecting block,  
blue/orange/green/brown



S110C-5. . . . .  
5-Pair connecting block,  
blue/orange/green/ brown/slate

## S110 Wiring Blocks

### Wiring Blocks With Legs

S110AW1-50. . . . .  
50-Pair, 110 wiring block with legs  
*height: 45.7mm (1.8 in.)*  
*width: 272mm (10.7 in.)*  
*depth: 82.8mm (3.3 in.)*

S110AW2-100. . . . .  
100-Pair, 110 wiring block with legs  
*height: 91.4mm (3.6 in.)*  
*width: 272mm (10.7 in.)*  
*depth: 82.8mm (3.3 in.)*

S110AW2-200. . . . .  
200-Pair, 110 wiring block with legs  
*height: 182.9mm (7.2 in.)*  
*width: 272mm (10.7 in.)*  
*depth: 82.8mm (3.3 in.)*

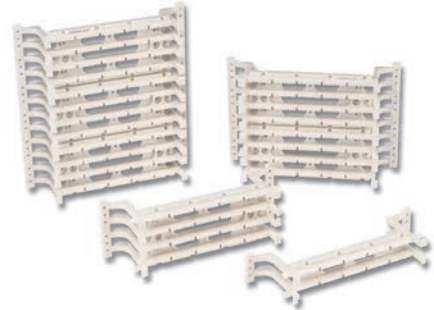
S110AW2-300. . . . .  
300-Pair, 110 wiring block with legs  
*height: 274.3mm (10.8 in.)*  
*width: 272mm (10.7 in.)*  
*depth: 82.8mm (3.3 in.)*

### Wiring Blocks Without Legs

S110DW1-25. . . . .  
25-Pair, 110 wiring block without legs  
*height: 16.0mm (.6 in.)*  
*width: 216mm (8.5 in.)*  
*depth: 35.8mm (1.4 in.)*

S110DW1-50. . . . .  
50-Pair, 110 wiring block without legs  
*height: 42.4mm (1.7 in.)*  
*width: 216mm (8.5 in.)*  
*depth: 35.8mm (1.4 in.)*

S110DW2-100. . . . .  
100-Pair, 110 wiring block without legs  
*height: 88.1mm (3.5 in.)*  
*width: 216mm (8.5 in.)*  
*depth: 35.8mm (1.4 in.)*

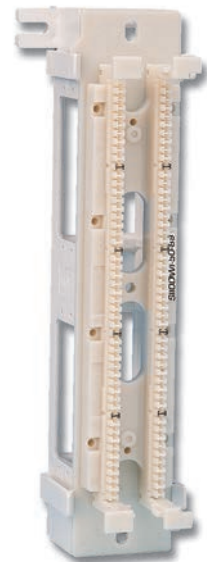


## Vertically Mounted S110 Blocks

This 50-pair S110 block can be mounted on the same S89B bracket that holds our S66™ blocks. The wiring base is available separately or as part of a field-terminated kit that includes the 4- or 5-pair connecting blocks and designation strips.

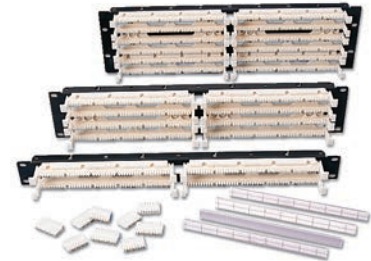
Part #	Description
S110DW1-50-89. . . . .	50-Pair S110 wiring base on an 89-type retainer.* S110 connecting blocks are not included <i>height: 254.0mm (10 in.)</i> <i>width: 85.9mm (3.4 in.)</i> <i>depth: 86.6mm (3.4 in.)</i> <i>(dimensions include S89 bracket)</i>
S110D(X)1-50FT-89. . . . .	50-Pair S110 field termination kit on an 89-type retainer.* Includes S110 connecting blocks and designation strips <i>height: 254.0mm (10 in.)</i> <i>width: 85.9mm (3.4 in.)</i> <i>depth: 86.6mm (3.4 in.)</i> <i>(dimensions include S89 bracket)</i>

Use (X) to specify connecting blocks: A = 5-Pair, B = 4-Pair  
\*S89 brackets are not included and must be ordered separately .



## S110® 19 Inch Field Termination Panels

S110 panels allow wiring blocks to be mounted directly to a 19 inch CEA rack or cabinet. Each panel includes adequate connecting blocks to complete each 25-pair termination strip on the S110 block (e.g. S110DB1-100RFT would include 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).

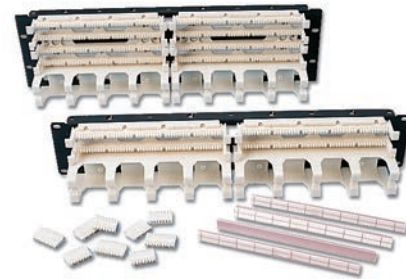


Part #	Description
S110D(X)1-100RFT . . . . .	100-Pair, 19 inch panel, S110 field termination kit, 1U
S110D(X)1-200RFT . . . . .	200-Pair, 19 inch panel, S110 field termination kit, 2U
S110D(X)1-300RFT . . . . .	300-Pair, 19 inch panel, S110 field termination kit, 3U

Use (X) to specify connecting block size: A = 5-Pair, B = 4-Pair  
 Note: 1U = 44.5mm (1.75 in.)

## S110 19 Inch Field Termination Panels with Cable Managers

Part #	Description
S110D(X)2-100RWM . . . . .	100-Pair, 19 inch panel, S110 field termination kit, 1U with cable managers and covers
S110D(X)2-200RWM . . . . .	200-Pair, 19 inch panel, S110 field termination kit, 2U with cable managers and covers



Use (X) to specify the connecting blocks: A = 5-Pair, B = 4-Pair  
 Note: 1U = 44.5mm (1.75 in.)

## S110 Designation Labels

Siemon S110 wiring blocks allow designation labels to be mounted between each row of connecting blocks. Each label has 2-, 3-, 4-, and 5-pair markings and may be used for colour-coding services in accordance with TIA/EIA-606-A.



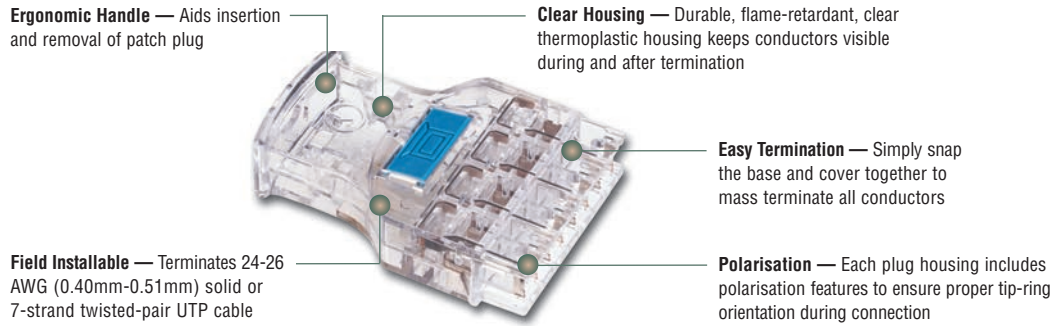
Part #	Description
S110-HLDR. . . . .	Transparent plastic label holders, bag of 6
S110-LBL-(X). . . . .	2-, 3-, 4-, and 5-Pair marked coloured labels, bag of 6

Use (X) to specify colour: 2 = White, 6 = Blue, 7 = Green

# S110® Patch Plugs and Cable Assemblies

## S110 Patch Plugs

Siemon S110 patch plugs are both Category 5e compliant and can be field-terminated to either solid or stranded cable. 4-pair S110 patch plugs employ a patented design to improve electrical isolation between pairs, enhancing cross-talk performance so that the mated plug and connecting block significantly exceed Category 5e transmission requirements.



S110P4.....  
4-Pair, field-terminated,  
S110 patch plug



S110P2.....  
2-Pair, field-terminated,  
S110 patch plug



S110P1\*.....  
1-Pair, field-terminated,  
S110 patch plug



ⓑ Add “-B” to end of part number for bulk project pack of 100 patch plugs.

\*S110P1 includes protective insert for use with single pair cross-connect wire.

Coloured icons are available for colour-coding 4-pair S110 plugs (sold separately)

## S110 Cable Assemblies

The S110 cable assemblies utilise Siemon’s S110P4 patch plugs for easy and reliable connections between S110 termination fields. These assemblies use high performance stranded cable which exceeds Category 5e specifications and are factory transmission tested to ensure optimum Category 5e channel performance. Coloured icons are available for colour-coding 4-pair S110 plugs.

Part #	Description
S110P4-P4-(XX)M.....	4-Pair, double-ended stranded S110 cord, CMG
S110P2-P2-(XX)M.....	2-Pair, double-ended stranded S110 cord, CMG
S110P1-P1-(XX)M.....	1-Pair, double-ended stranded S110 cord, CMG

Use (XX) to specify length: 03 = 3m (9.8 ft.), 05 = 5m (16.4 ft.), 07 = 7m (22.9 ft.), 10 = 10m (32.8 ft.), 15 = 15m (49.2 ft.), 20 = 20m (65.6 ft.)



## S110 to MC® Cable Assemblies

The S110 to modular cable assemblies combine Siemon’s high performance modular plugs for patching network equipment to S110 connecting blocks or providing test access to S110 termination fields. The combination of plugs, high performance cable and factory transmission testing ensures performance is compatible with Premium 5e or lower systems.

Part #	Description
S110P4-A4-(XX)M.....	Category 5e, 4-pair, S110-to-modular plug, T568B, standard cable assembly, CMG
S110P4-T4-(XX)M.....	Category 5e, 4-pair, S110-to-modular plug, T568A, standard cable assembly, CMG
S110P2-UT-(XX)M.....	Category 5e, 2-pair, S110-to-modular 8-position plug, Token Ring, T568A, standard cable assembly, CMG
S110P2-E2-(XX)M.....	Category 5e, 2-pair, S110-to-modular 8-position plug, 10/100BASE-T, T568B, standard cable assembly, CMG
S110P1-U1-(XX)M.....	Category 5e, 1-pair, S110-to-modular 6-position plug, USOC, standard cable assembly, CMG
S110P1-U4-(XX)M.....	Category 5e, 1-pair, S110-to-modular 8-position plug, USOC, standard cable assembly, CMG

Use 1st (XX) to specify length: 03 = 3m (9.8 ft.), 05 = 5m (16.4 ft.), 07 = 7m (22.9 ft.), 10 = 10m (32.8 ft.), 15 = 15m (49.2 ft.), 20 = 20m (65.6 ft.)



# S110<sup>®</sup> Tower Kits

## S110 Tower Field Termination Kits

The S110 Tower System provides a modular high-density cross-connect cable management system. S110 Tower Systems are shipped unassembled to simplify field assembly and termination.

Part #	Description
S110M(X)2-300FT. . . . .	300-Pair S110 Tower field termination kit height: 406.4mm (16.0 in.), width: 215.9mm (8.5 in.), depth: 152.6mm (6.0 in.)
S110M(X)2-400FT. . . . .	400-Pair S110 Tower field termination kit height: 541.3mm (21.3 in.), width: 215.9mm (8.5 in.), depth: 152.6mm (6.0 in.)
S110M(X)2-500FT. . . . .	500-Pair S110 Tower field termination kit height: 676.1mm (26.6 in.), width: 215.9mm (8.5 in.), depth: 152.6mm (6.0 in.)

Use (X) to specify connecting block size: A = 5-Pair, B = 4-Pair



## S110 Tower Optional Accessories

Part #	Description	Part #	Description
S188-300. . . . .	Large-scale vertical cable manager for use with 300-pair Tower height: 406.4mm (16.0 in.), width: 215.9mm (8.5 in.), depth: 190.5mm (7.5 in.)	S110M-WM-300. . . . .	Small-scale vertical cable manager for use with 300-pair Tower height: 406.0mm (16.0 in.), width: 76.2mm (3.0 in.), depth: 153.0mm (6.1 in.)
S188-400. . . . .	Large-scale vertical cable manager for use with 400-pair Tower height: 541.3mm (21.3 in.), width: 215.9mm (8.5 in.), depth: 190.5mm (7.5 in.)	S110M-WM-400. . . . .	Small-scale vertical cable manager for use with 400-pair Tower height: 541.2mm (21.3 in.), width: 76.2mm (3.0 in.), depth: 153.0mm (6.1 in.)
S188-500. . . . .	Large-scale vertical cable manager for use with 500-pair Tower height: 676.1mm (26.6 in.), width: 215.9mm (8.5 in.), depth: 190.5mm (7.5 in.)	S110M-WM-500. . . . .	Small-scale vertical cable manager for use with 500-pair Tower height: 675.9mm (26.6 in.), width: 76.2mm (3.0 in.), depth: 153.0mm(6.1 in.)
S188-WD. . . . .	Metal duct for additional horizontal cable management at base of Tower height: 114.3mm (4.5 in.), width: 215.9mm (8.5 in.), depth: 203.2mm (8.0 in.)		



Tower with S188



S188



S188-WD



S110M-WM

# XLBET Frame

The Siemon XLBET (Extra Large Building Entrance Terminal) frames are designed for use in large installations where space is a premium. Compatible with Siemon's vertical patching (VPCA, VCM) and cable management (RS-CNL) channels.

## XLBET Frame

Part #	Description
XL-(XX)00.....	7 ft. x 23 in. XLBET frame. Includes rack, wire management and mounting hardware. S110® wiring blocks not included <i>height: 2133.6mm (84.0 in.)</i> <i>width: 617.5mm (24.3 in.)</i> <i>depth: 406.4mm (16.0 in.)</i>

*Use (XX) to specify pair count: 36 = 3600-Pair, 72 = 7200-Pair*

## XLBET Frame with S110 Wiring Blocks

Part #	Description
XL-(XX)00-W.....	7 ft. x 23 in. XLBET frame. Includes rack, wire management, S110 wiring blocks, clear designation holders, labels, and mounting hardware (S110 connecting blocks not included)

*Use (XX) to specify pair count: 36 = 3600-Pair, 72 = 7200-Pair*

## Optional Accessories

Part #	Description
XL-CK.....	Concrete mounting kit. Includes hardware to secure one 23 or 35 inch XLBET frame to a concrete floor
XL-(X)-3600.....	S110 connecting block kit. Includes the appropriate number of 4- or 5-pair connecting blocks to fully populate a 3600-pair frame. Two kits can be ordered for 7200-pair frames

*Use (X) to specify connecting blocks: A = 5-Pair, B = 4-Pair*



