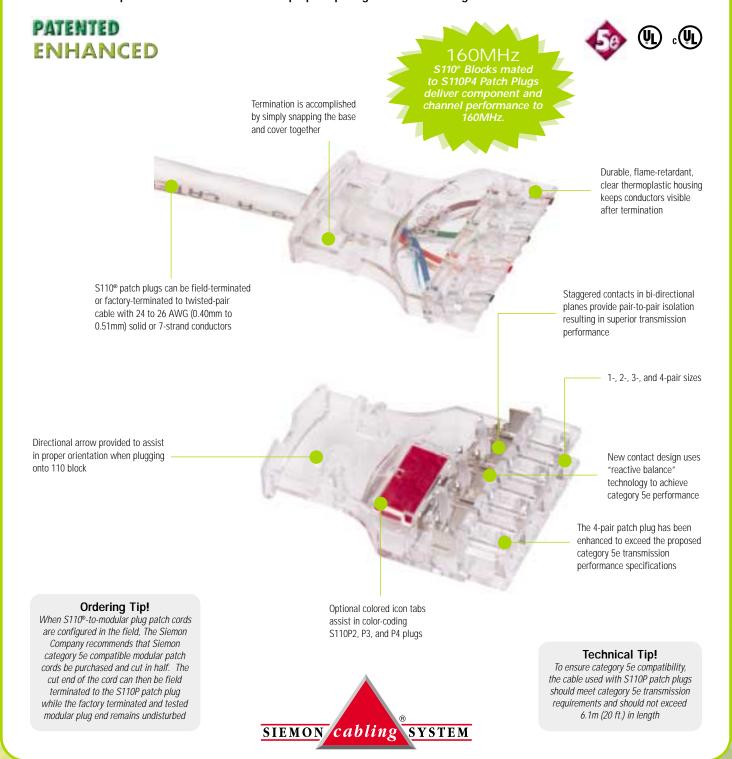# S110® Patch Plug

The first of its kind that is both category 5e compliant and can also be field-terminated to either solid or stranded (7/32) cable. The S110® patch plug utilizes internal pair isolation to provide improved cross-talk performance so that the mated plug and connecting block exceed category 5e transmission performance. When mated to the S110® connecting blocks, the S110P4 delivers component and channel performance to 160MHz.

The clear plastic housing keeps the conductor colors/positions visible for matching termination positions on the opposite end. The ergonomic handle aids insertion and removal of patch plug from 110 connecting block. Each plug housing also includes built-in polarization features to ensure proper tip/ring orientation during connection.

PATENTED
ENHANCED

160MHz
S110® Blocks mated to S110P4 Patch Plugs deliver component and channel performance to 160MHz.

5e UL c UL

Termination is accomplished by simply snapping the base and cover together

Durable, flame-retardant, clear thermoplastic housing keeps conductors visible after termination

S110® patch plugs can be field-terminated or factory-terminated to twisted-pair cable with 24 to 26 AWG (0.40mm to 0.51mm) solid or 7-strand conductors

Staggered contacts in bi-directional planes provide pair-to-pair isolation resulting in superior transmission performance

1-, 2-, 3-, and 4-pair sizes

Directional arrow provided to assist in proper orientation when plugging onto 110 block

New contact design uses "reactive balance" technology to achieve category 5e performance

The 4-pair patch plug has been enhanced to exceed the proposed category 5e transmission performance specifications

Optional colored icon tabs assist in color-coding S110P2, P3, and P4 plugs

Ordering Tip!
When S110®-to-modular plug patch cords are configured in the field, The Siemon Company recommends that Siemon category 5e compatible modular patch cords be purchased and cut in half. The cut end of the cord can then be field terminated to the S110P patch plug while the factory terminated and tested modular plug end remains undisturbed

Technical Tip!
To ensure category 5e compatibility, the cable used with S110P patch plugs should meet category 5e transmission requirements and should not exceed 6.1m (20 ft.) in length

SIEMON *cabling* SYSTEM

Product Information

S110P1

S110P2

S110P3

S110P4

*Optional colored oval icon
available for 2- and 3-pair plugs.
4-pair plugs use Siemon's standard size
rectangular colored icon*

Ordering Information

S110® Patch Plugs:

S110P1 ....1-pair, field-terminated, patch plug
S110P2 ....2-pair, field-terminated, patch plug

S110P3 ....3-pair, field-terminated, patch plug
S110P4 ....Category 5e, 4-pair, field-terminated, patch plug

Colored Icons are not included. See related products below

Factory-Terminated S110® Patch Cords:

S110P1-P1-(XX)...............1-pair, double- ended S110® patch cord
S110P2-P2-(XX)...............2-pair, double- ended S110® patch cord
S110P3-P3-(XX)...............3-pair, double- ended S110® patch cord
S110P4-P4-(XX)...............Category 5e compatible, 4-pair, double-ended S110® patch cord
S110P4-T4-(XX)...............Category 5e compatible, 4-pair, S110®-to-modular plug, T568A
S110P4-A4-(XX) ....Category 5e compatible, 4-pair, S110®-to-modular plug, T568B
S110P1-U1-(XX) ....1 pair, S110®-to-modular plug, USOC
S110P2-E2-(XX)...............2-pair, S110®-to-modular plug, 10BASE-T
S110P2-UT-(XX)..............2-pair, S110®-to-modular plug, Token Ring

*Use (XX) to specify length of factory-terminated and tested cable assemblies:
03 = 0.91m (3 ft.), 05 = 1.5m (5 ft.). 07 = 2.13m (7 ft.),
10 = 3.05m (10 ft.), 15 = 4.57m (15 ft.), 20 = 6.10m (20 ft.),
25 = 7.62m (25 ft.)*

Custom lengths and custom wiring configurations are available upon request. Contact our Customer Service Department for more information.

Factory-Terminated and Tested Modular Patch Cord:

MC5-8-T-(XX)-(XX).........Category 5e compatible, double-ended, 4-pair modular stranded cord, colored jacket, T568A/T568B wiring

*Use 1st (XX) to specify cord length:
03 = 0.91m (3 ft.), 05 = 1.5m (5 ft.) 07 = 2.13m (7 ft.),
10 = 3.05m (10 ft.), 15 = 4.57m (15 ft.), 20 = 6.10m (20 ft.),
25 = 7.62m (25 ft.)*

*Use 2nd (XX) to specify boot color: 01 = black, 02 = white,
03 = red, 04 = gray, 05 = yellow, 06 = blue, 07 = green,
08 = violet**

*Available as boot color only

S110® to MC5™ Cable Assemblies with Colored Boot:

S110P4T4-(XX)-B(XX).....Category 5e compatible, 4-pair, S110P4 to 8-position modular plug stranded cable assembly, T568A wiring
S110P4A4-(XX)-B(XX) ....Category 5e compatible, 4-pair, S110P4 to 8-position modular plug stranded cable assembly, T568B wiring
S110P2E2-(XX)-B(XX).....Category 5e compatible, 2-pair, S110®-to-8-position modular plug stranded cable assembly, 10BASE-T wiring
S110P2UT-(XX)-B(XX)....Category 5e compatible, 2-pair, S110®-to-8-position modular plug stranded cable assembly, Token Ring wiring

*Use 1st (XX) to specify cord length:
03 = 0.91m (3 ft.), 05 = 1.52m (5 ft.), 07 = 2.13m (7 ft.),
10 = 3.05m (10 ft.), 15 = 4.57m (15 ft.), 20 = 6.10m (20 ft.),
25 = 7.62m (25 ft.)*

*Use 2nd (XX) to specify color of boot:
01 = black, 02 = white, 03 = red, 05 = yellow, 06 = blue,
07 = green, 08 = violet*

Related Product:

ICON-OVAL-(XX) ....25 colored oval icons for 2- and 3-pair S110® patch plugs
CT-ICON-(XX)* ....25 colored icon tabs for 4-pair S110® patch plug (phone on one side, computer on reverse)
CT-TAB-(XX)* ....25 colored rectangular tabs for 4-pair S110® patch plugs

*Use (XX) to specify color: 00=clear**, 01=black, 02=white,
03= red, 04 = gray, 05 = yellow, 06 = blue, 07 = green, 08 = violet,
09 = orange, 20 = ivory, 60 = brown, 80 = light ivory (CT-ICON-(XX) only)*

*Ⓑ Add "B" for bulk pack of 100

**Available in CT-TAB-(XX) only

For related product information request Spec Sheet(s):

S110® Wiring Block (PROD-SS-110)
S110® Modular Tower® System (PROD-SS-10M)
MC5™ Modular Cords (PROD-SS-MC5)

Sold by:

TWAcomm.com
http://www.TWAcomm.com
Toll Free: (877) 389-0000

**The Siemon Company
Australia**
Sydney, Australia
Tel: (61) 2 9452 2666

**The Siemon Company
Canada**
Markham, Ontario
Tel: (1) 905 940 9223

**The Siemon Company
China**
Beijing, P.R. China
Tel: (86) 10 6559 8860

**The Siemon Company Ltd.
Europe & Middle East**
Woking, England
Tel: (44) (0) 1483 480040

**The Siemon Company
Latin America**
Coral Gables, Florida USA
Tel: (1) 305 446 9150

Latin American Sales
Manufacturer's Representatives
Castroville, Texas USA
Tel: (1) 830 538 6375

**The Siemon Company
Southeast Asia**
Singapore
Tel: (65) 345 9119

**The Siemon Company
USA**
Watertown, Connecticut
Tel: (1) 860 274 2523

THE SIEMON COMPANY
www.siemon.com

PROD-SS-10P Rev. G 2/00

© 2000 The Siemon Company