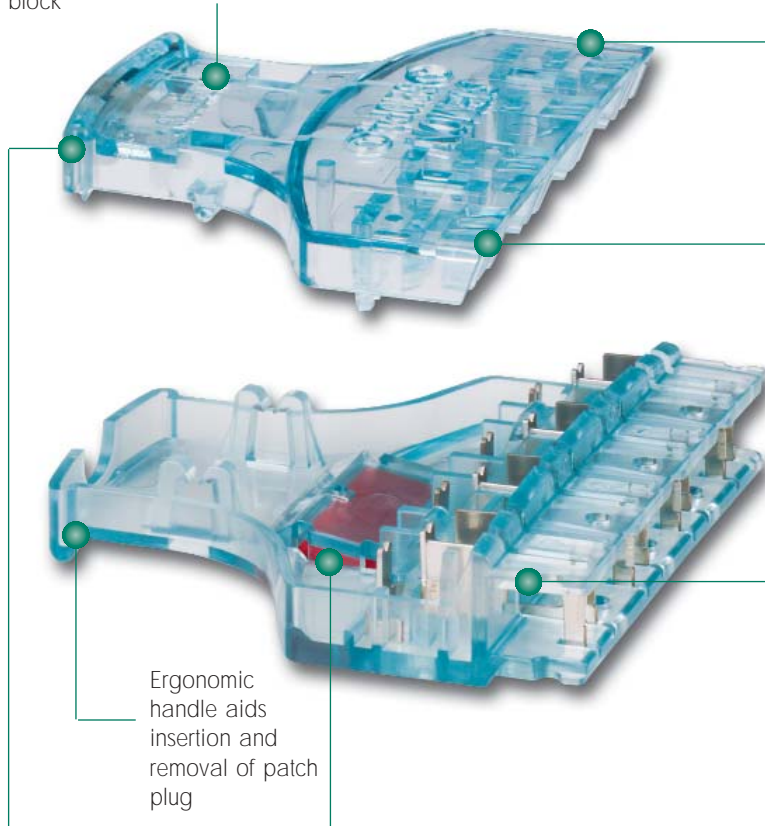


# S210® PATCH PLUGS

Siemon technology delivers the world's most advanced connection system. The S210 patch plug utilizes internal pair isolation, pair-to-pair compensation and layered contacts to improve crosstalk performance so that the mated plug and connecting block far exceed the proposed category 6 connecting hardware transmission requirements. The clear housing keeps the conductor colors/positions visible to aid matching termination positions on the other end. Each plug housing is polarized to ensure proper plug orientation.

Directional arrow provided to assist with proper orientation while mating the plug with the block



**PATENTED**

210 PRODUCTS

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

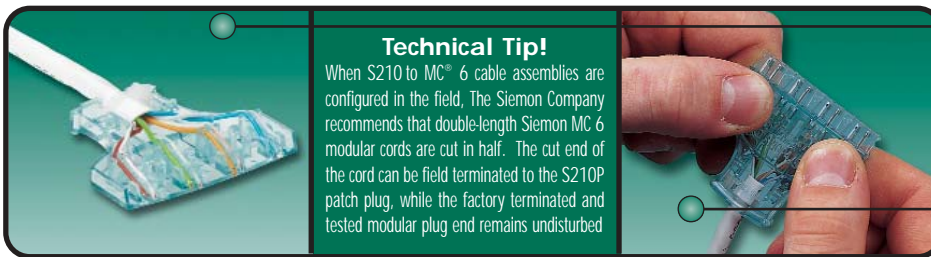
Termination is accomplished by simply snapping the base and cover together

Each plug housing includes polarization to ensure proper orientation of the plug when connecting to the S210 connecting block

Ergonomic handle aids insertion and removal of patch plug

Accepts colored icon tabs to color-code installation

The S210 patch plugs can be field-terminated or factory-terminated to twisted-pair cable with 23 to 26 AWG (0.40mm to 0.51mm) solid or 7-strand conductors



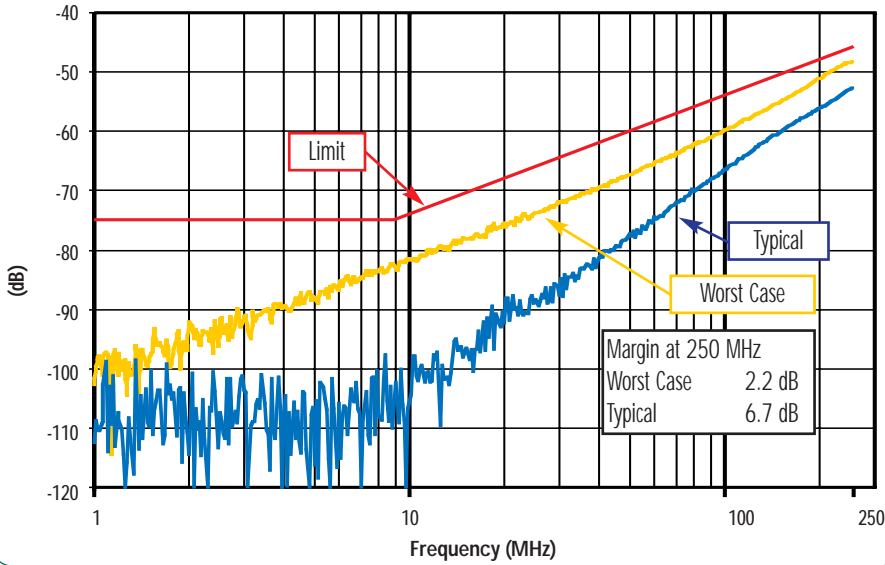
### Technical Tip!

When S210 to MC® 6 cable assemblies are configured in the field, The Siemon Company recommends that double-length Siemon MC 6 modular cords are cut in half. The cut end of the cord can be field terminated to the S210P patch plug, while the factory terminated and tested modular plug end remains undisturbed

Siemon is the only company to offer a field installable category 6 patching solution

Simply snap the base and cover together to mass terminate all conductors

NEXT Performance for a Siemon S210® Patch Plug mated to a S210 Connecting Block:\*



\* These results are obtained with jacketed test leads. Some manufacturers report worst case performance using bare test leads, which results in better crosstalk performance. Measuring transmission performance using jacketed leads ensures true worst case performance that is representative of "real-world" installations.

### S210 Patch Plug:

- S210P4 .....Category 6, 4-pair, field-terminated, S210 patch plug
- S210P2 .....2-pair, field-terminated, S210 patch plug
- S210P1 .....1-pair, field-terminated, S210 patch plug

### S210 Cable Assemblies:

S210P4-P4-(XX) .....Category 6, 4-pair, double-ended S210 stranded cable assembly, white jacket

S210P2-P2-(XX) .....2-pair, double-ended, S210 stranded cable assembly, white jacket

S210P1-P1-(XX) .....1-pair, double-ended, S210 stranded cable assembly, white jacket

Use (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.)

### S210 to MC® 6 Stranded Cable Assemblies:

S210P4A4-(XX)-(XX) .....Category 6, 4-pair, S210P4 to MC 6 stranded cable assembly, T568B wiring, color matching jacket/boot

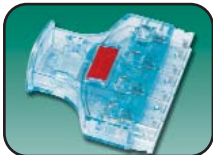
S210P4T4-(XX)-(XX) .....Category 6, 4-pair, S210P4 to MC 6 stranded cable assembly, T568A wiring, color matching jacket/boot

S210P2E2-(XX)-B(XX) .....2-pair, S210P2 to MC 6 stranded cable assembly, 10/100BASE-T wiring, white jacket with colored boot

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.)

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

\*Custom lengths are available upon request. Contact our Customer Service Department for more information



S210P4



S210P4 to S210P4



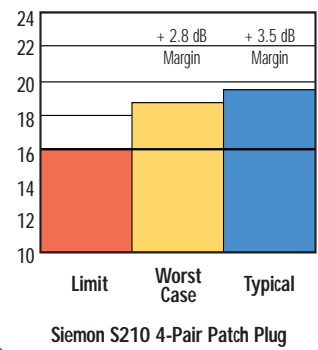
S210P4 to MC 6

**The Americas**  
Watertown, CT USA  
Phone (1) 860 945 4200

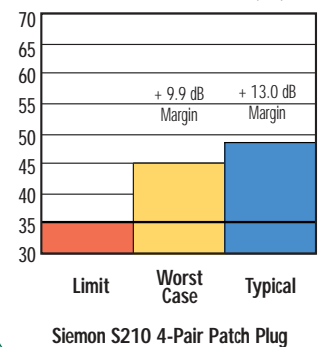
**Europe/Middle East/Africa**  
Surrey, England  
Phone (44) 0 1483 480040

**Asia/Pacific**  
Shanghai, P.R. China  
Phone (86) 21 6390 6778

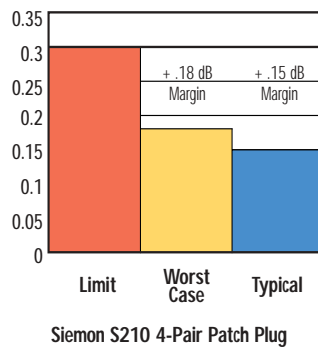
Return Loss at 250 MHz (dB)



FEXT Loss at 250 MHz (dB)



Attenuation at 250 MHz (dB)



Because we are continuously improving our products, The Siemon Company reserves the right to change specifications and availability without prior notice.

S210® and MC® 6 are trademarks of The Siemon Company

For related product information request Spec Sheet(s):

- S210 Wiring Block (PROD-SS-210)
- MC 6 Modular Cords (PROD-SS-MC6)
- S210 Tower System (PROD-SS-20T)