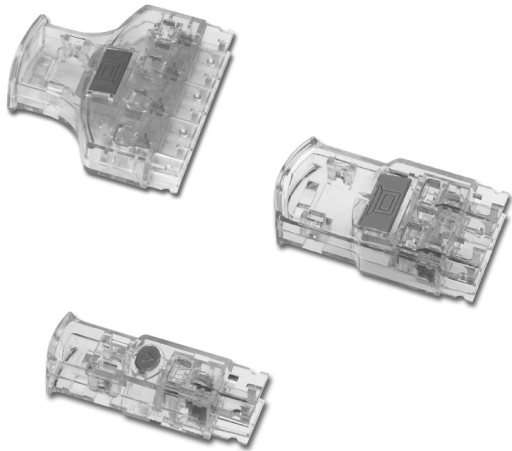
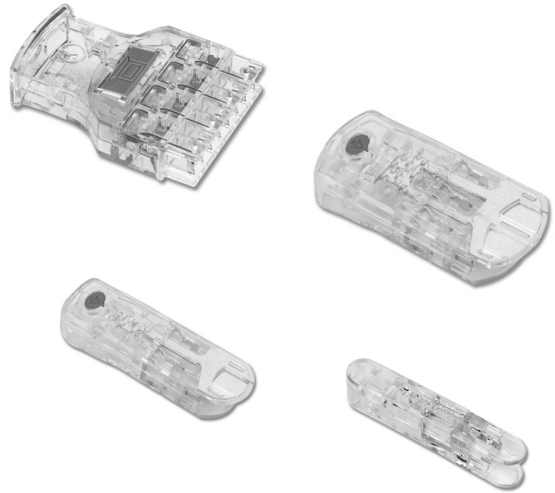


# S210<sup>®</sup>/S110<sup>®</sup> Patch Plug Instructions

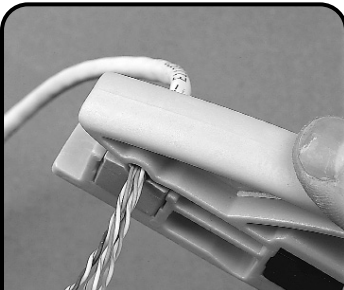
Note: S210P4 Shown Throughout



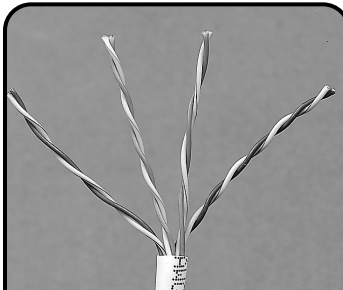
**S210<sup>®</sup> Patch Plugs**



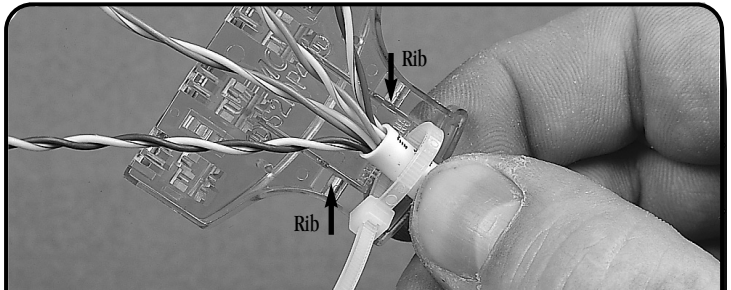
**S110<sup>®</sup> Patch Plugs**



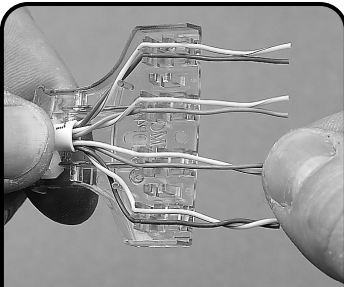
**1** Cut cable to desired length. Strip back cable jacket a minimum of 50mm (2 in.) using the Siemon AllPrep™ tool (P/N: CPT-RGTP) or equivalent.



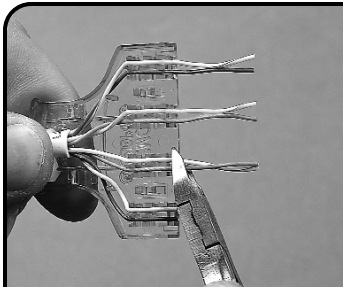
**2** Fan out individual pairs. See wiring chart on back page.



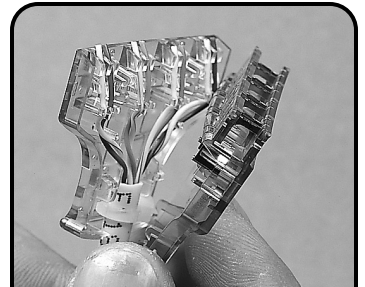
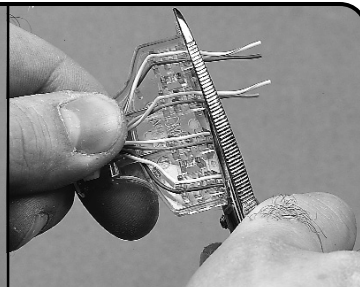
**3** Align the end of the cable jacket over the first rib in the cover as shown. Jacket end should extend just beyond cable tie point\*. Lace cable tie through cover to secure cable, making sure tie latch is positioned on either side of cable, trim cable tie flush to tie latch. Do not over tighten cable tie.  
*\*The S110P1 does not have a cable tie point. To ensure proper strain relief, extend the cable jacket further into the plug. For unjacketed 1-pair cable, tubing (provided) should be used for proper strain relief.*  
*Note: S210™ version shown throughout.*



**4** Insert each wire into the appropriate channel in the cover, maintaining twists as close as possible, 13mm (0.5 in.) or less, to point of termination.

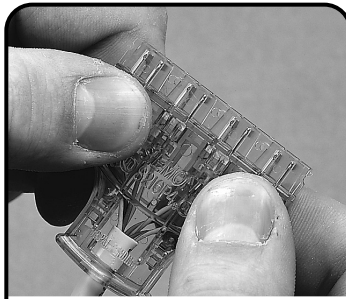


**5** Using the Siemon diagonal cutters (P/N: CI-CUTTER), electrician's scissors (P/N: CI-SCISSORS) or equivalent, trim wire ends flush with front of housing cover. Wire tips should not protrude past the front surface of the housing cover.  
*Note: A fairly flush cut is important to prevent interference in step 7. Angle the cutting blade along the same angle as the front of the housing cover when trimming.*

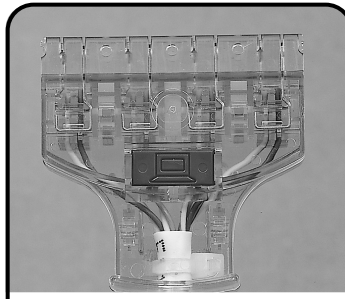


**6** Align latches on cover with receptacle holes in base and fit cover IDC slots over contact IDCs.

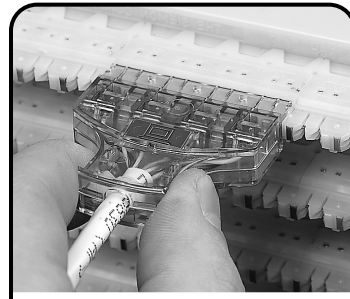
# S210®/S110® Patch Plug Instructions



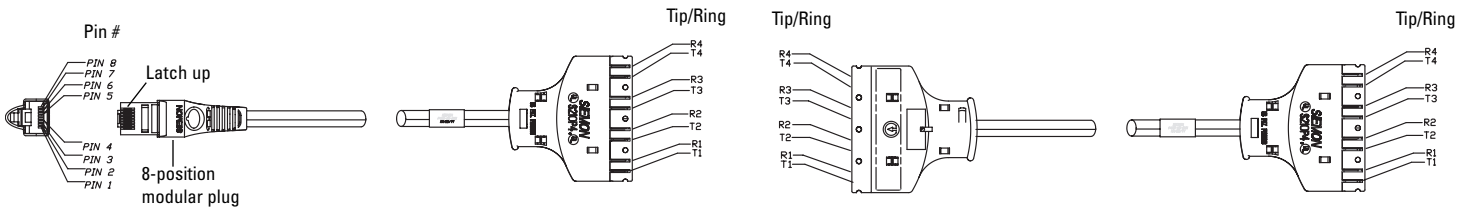
**7** Press cover and housing base together until it snaps, and latches are fully engaged. (If necessary, squeeze gently with pliers.)



**8** Snap in colored icon, if desired (not included).



**9** Position plug with icon pocket or arrow designation on top when mating with S210®/S110® connecting block.



MODULAR-TO-S110®/210® PATCH CORD ASSEMBLY						
ASSEMBLED PATCH CORD WIRING SCHEME		T568A	T568B	ETHERNET	TOKEN RING	
MODULAR PLUGS		PATCH PLUGS				
PIN #	(T568A wired)	(T568B wired)	4-Pair	4-Pair	2-Pair	2-Pair
1	White/Green	White/Orange	T3	T2	T1	—
2	Green	Orange	R3	R2	R1	—
3	White/Orange	White/Green	T2	T3	T2	T2
4	Blue	Blue	R1	R1	—	R1
5	White/Blue	White/Blue	T1	T1	—	T1
6	Orange	Green	R2	R3	R2	R2
7	White/Brown	White/Brown	T4	T4	—	—
8	Brown	Brown	R4	R4	—	—

PATCH PLUG-TO-PATCH PLUG	
TIP/RING	COLOR CODE
T1	White/Blue
R1	Blue
T2	White/Orange
R2	Orange
T3	White/Green
R3	Green
T4	White/Brown
R4	Brown

**To assist safe installations, comply with the following:**

- A. Use caution when installing or modifying telecommunications circuits.
- B. Never touch uninsulated wire terminals unless the circuit has been disconnected.
- C. Never install this device in a wet location.
- D. Never install wiring during a lightning storm.



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