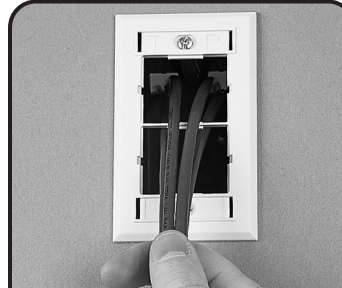


# Category 3 & 5e Flat or Angled CT Coupler Instructions

## Angled (5e only)



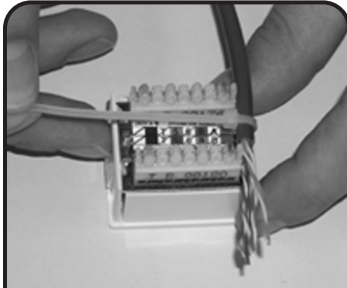
## Flat



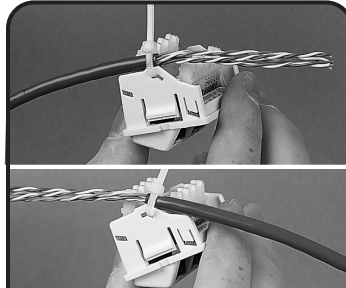
**1** Pull cables through the appropriate openings in the faceplate and mount the faceplate to the electrical box with the screws provided.  
*Note: Faceplate may be mounted before or after cable termination.*



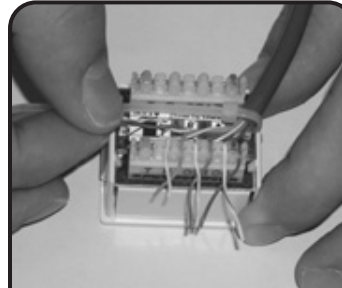
**2** Strip back as much of the cable jacket as is needed [approximately 40mm (1.5 in.)] using the Siemon AllPrep™ tool (P/N: CPT-RGTP) or equivalent.



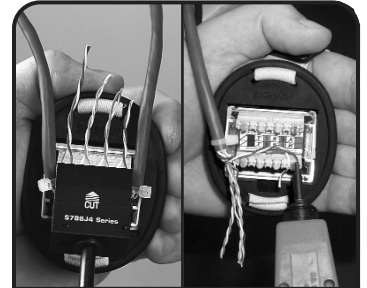
**3** Securing the cables to the coupler housing using the cable ties provided is strongly recommended. The cables should be in the inside of the coupler housing and the cable jacket should be as close as possible to the cable tie.  
*Note: Do not over-tighten the cable ties.*



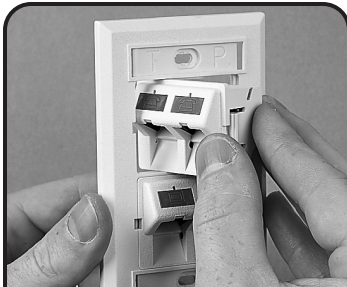
**4** For angled CT® couplers, the cable tie anchor points have been modified to optimize cable entrance to the S110® blocks depending upon cable orientation as shown.



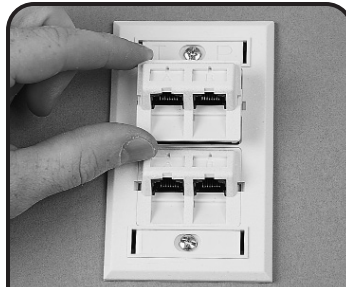
**5** Lace the conductors into the S110 blocks so that the pair colors correspond with those on the coupler. The white conductor of each pair corresponds to the position marked "T" on the S110 block.  
*(See wiring chart on back page)*  
*Note: Pair twist must be maintained to within 12mm (0.5 in.) of the point of termination for category 5 or higher.*



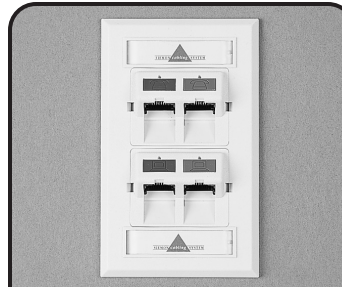
**6** Visually inspect the cable conductors and terminate using a Siemon S814 or equivalent. For dual flat CT couplers, Siemon's 4-pair impact tool (P/N: S788J4) can also be used.  
*Note: The Siemon Palm Guard is recommended to properly secure the module during termination.*



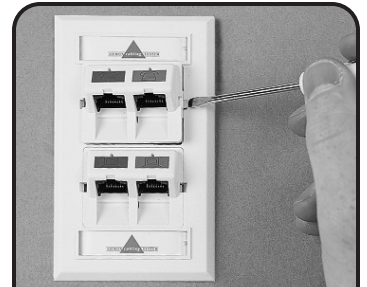
**7** If the faceplate has not been mounted to the wall, turn the wired coupler 90° and insert through the opening in the faceplate



**8** Insert the coupler into the faceplate.  
*Note: For category 5 or higher installations, be sure that the cable bend radius behind the coupler is at least 25mm (1 in.).*

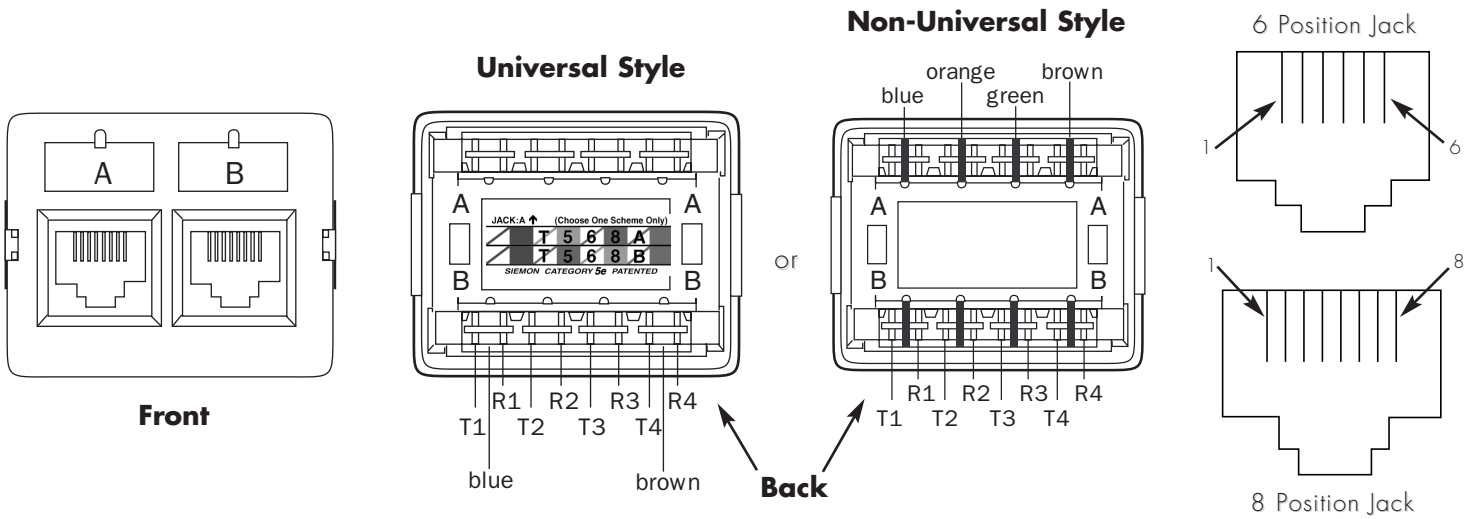


**9** Label the faceplate using the designation labels provided and snap the appropriate icons and tabs into the space above each outlet.



**10** If required, the coupler can be removed from the faceplate using a small, flathead screwdriver.

# Category 3 & 5e Flat or Angled CT Coupler Instructions



WIRING CHART		MODULAR JACK PIN NUMBERS				
Pair ID Tip/ Ring	S110 Block/ Horiz. Cable Color	T568B 4-pair 8 pos.	T568A 4-pair 8 pos.	USOC 4-pair 8 pos.	USOC 3-pair 6 pos.	USOC 2-pair 6 pos.
T1	White-Blue	5	5	5	4	4
R1	Blue-White	4	4	4	3	3
T2	White-Orange	1	3	3	2	2
R2	Orange-White	2	6	6	5	5
T3	White-Green	3	1	2	1	Not Used
R3	Green-White	6	2	7	6	Not Used
T4	White-Brown	7	7	1	Not Used	Not Used
R4	Brown-White	8	8	8	Not Used	Not Used

Universal CT5e Couplers are protected by one or more of the following U.S. Patents:

5,295,869 5,474,474  
 5,228,869 5,435,752  
 5,295,569 5,299,956  
 5,362,254

## 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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