



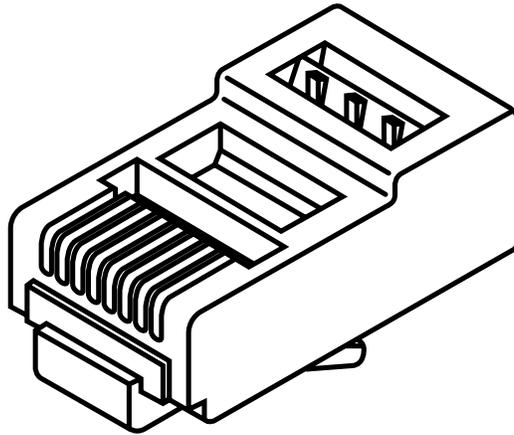
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# Modular Connector (RJ-45, Round Cable, Stranded)



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# MODULAR CONNECTOR, RJ-45, ROUND CABLE, STRANDED

Use this modular connector to terminate stranded round cable.

- Strip the cable so that the wires are exposed. If they aren't already evenly cut, cut the row of wires (see Figure 1). Position the wires in front of the connector in the proper wiring configuration (see Table 1).

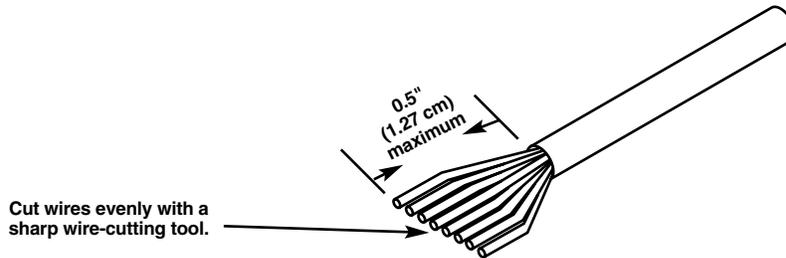


Figure 1. Making sure the wires are cut evenly.

Table 1. 568A and 568B wiring configuration.

568A		568B
White/Green -----	1	1 ----- White/Orange
Green -----	2	2 ----- Orange
White/Orange -----	3	3 ----- White/Green
Blue -----	4	4 ----- Blue
White/Blue -----	5	5 ----- White/Blue
Orange -----	6	6 ----- Green
White/Brown -----	7	7 ----- White/Brown
Brown -----	8	8 ----- Brown

- Insert the bottom row of wires (1, 3, 5, and 7) into the open end of the connector (see Figure 2). Then insert the remaining wires (2, 4, 6, and 8) into the top row of the connector.

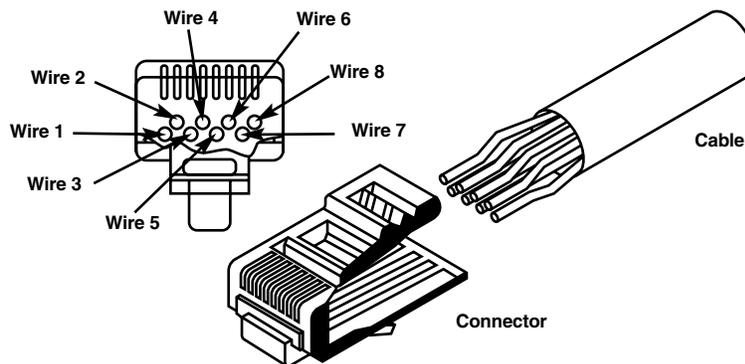
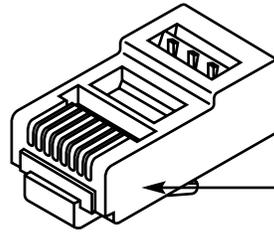


Figure 2. Inserting the cable wires into the connector.

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3. Push the cable firmly into the connector. Use a slight twisting action while maintaining the wire configuration until the conductors seat fully into the connector.
4. Inspect the wire position by turning the connector sideways and making sure that the wires' conductors are seated properly under the contact points.



Check the wire insertion through the side of the connector. Make sure that the conductors are seated properly under the contact points.

**Figure 3. Checking the insertion.**

5. After loading the wires into the Modular Connector, insert the cable/connector assembly into the proper terminating tool.
6. Terminate the assembly. Inspect the product to make sure that no damage has occurred.