

Cable Pair Colors

- W White
- G Green
- O Orange
- BL Blue
- BR Brown

1	2	3	4	5	6	7	8
W-G	G	W-O	BL	W-BL	O	W-BR	BR

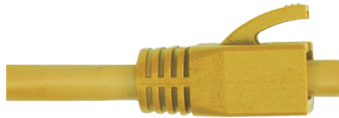
Designation T568A 8-Position jack pin/pair assignments

1	2	3	4	5	6	7	8
W-O	O	W-G	BL	W-BL	G	W-BR	BR

Designation T568B 8-Position jack pin/pair assignments

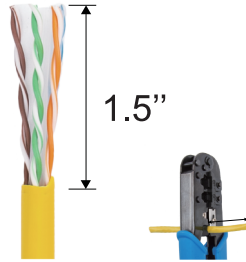
568B Wiring Example

1



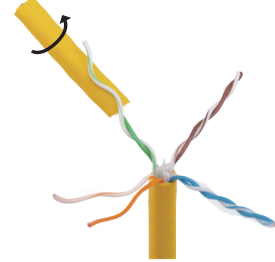
- Slide a strain relief boot over the cable end
- Note: Strain relief boot is sold separately
- Secure with removable tape

2



- Trim the cable jacket back about 1.5"
- Cut the center spline, if needed

3



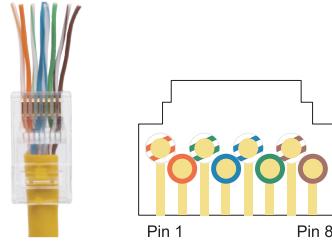
- Untwist the wires and straighten
- Pro-Tip: Use the cable jacket for untwisting

4



- Smooth the wires and trim ends evenly
- Pro-Tip: Use sharp scissors so the wires are not crushed

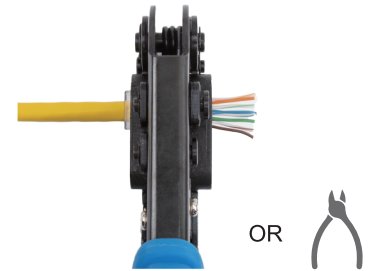
5



W/O - O - W/G - BL - W/BL - G - W/BR - BR

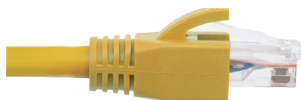
- Carefully insert the wires into the plug
- Check that the cable jacket is fully inserted
- Lightly tug on the wires and check the color-code

6



- A crimp tool designed for pass-through plugs is recommended
- A flush cutter can be used to trim the wires if a tool is not available. Trim the wires as close as possible.

7



- Pull the strain relief boot over the connector
- Note: Strain relief boot is sold separately
- Use a cable tester to verify a correct termination

Specifications

- Connectors: RJ45 Pass-Through Plugs
- Rating: Cat 6 or below
- Compatibility: 23-24 AWG solid or stranded UTP
- Maximum OD: 6.1mm (0.24in)

Suggested Tools

- Cable stripping tool
- Wire cutter (regular and flush)
- Crimp tool for pass-through plugs