

T568B Termination Field Sheet

Reference guide for U.S. structured cabling to TIA/EIA-568-B standard

T568B Pin/Pair Color Code

Pin	Pair	Color
1	Pair 2	White/Orange
2	Pair 2	Orange
3	Pair 3	White/Green
4	Pair 1	Blue
5	Pair 1	White/Blue
6	Pair 3	Green
7	Pair 4	White/Brown
8	Pair 4	Brown

Field Termination Rules

1. Always use the same pinout (T568B) on both ends for straight-through cables.
2. Max horizontal cable length: 90 meters (295 ft).
3. Patch cords total length: 10 meters (33 ft) combined.
4. Maintain twist pairs up to 0.5 inches from termination.
5. Maintain proper bend radius: 4x cable diameter minimum.
6. Keep at least 12 inches separation from power cables.
7. Use Velcro ties, not zip ties, to avoid deforming the cable.
8. Label both ends according to TIA/EIA-606 standard.
9. Test each cable per ANSI/TIA-1152 field test procedures.
10. Follow TIA/EIA-569 for pathway and conduit requirements.