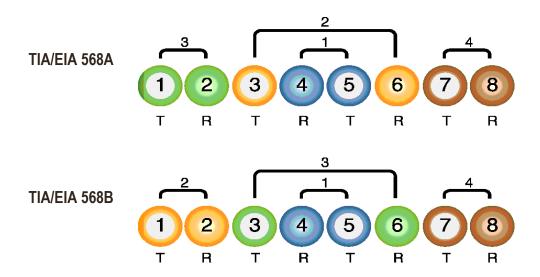


CATEGORY 5 & 6: 568 WIRING CHART

Both 568A and 568B wiring schema are widely used for terminating pairs in network infrastructure within category 5 cabling systems.

Each pair has two strands of conductors known as the Tip and the Ring. On our diagram, T and R are used to denote Tip and Ring. According to the color scheme, each pair has a wire of solid colour and a wire with a white stripe. The Tip wire has the stripe, the Ring solid coloration. When the conductors terminate in a jack pins are assigned according to the schema associated with the 568A or 568B template. See diagram below for graphical representation of the schema.



When designing and installing a network, one schema should be selected and consistency maintained throughout for ease of maintenance and the prevention of errors. 568B, is the preferred system because of its consistency with most installed telecom infrastructure. That said, a combination of systems is possible provided any given cable is not started with one system and ended with another.

From a technical standpoint, both 568A and 568B use pin/pair assignments that offer on performance advantages over other Category 5 wiring configurations.