

This information is intended to illustrate proper wiring procedures for the 48 Pair, Category 6, 110 Wiring Blocks. Step-by-step instructions given below should be followed for proper wiring installation.

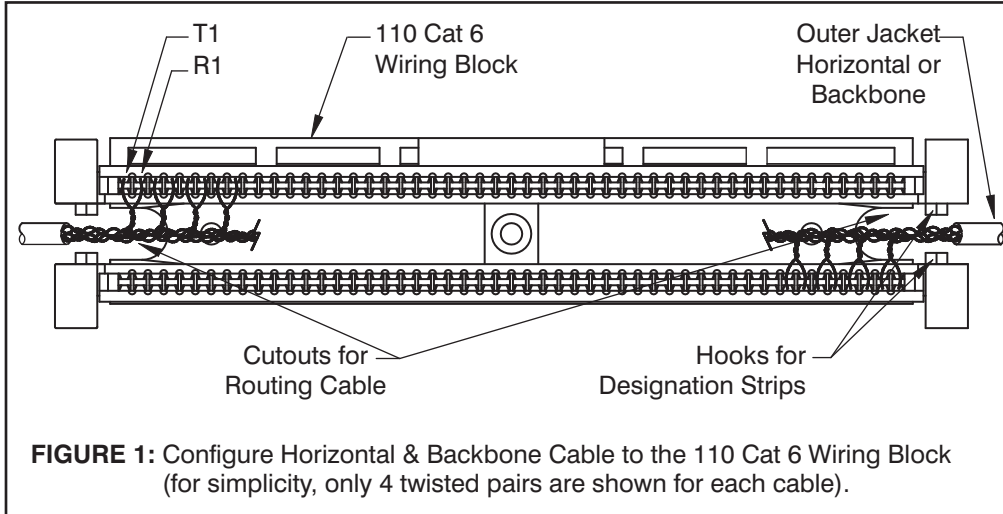


FIGURE 1: Configure Horizontal & Backbone Cable to the 110 Cat 6 Wiring Block (for simplicity, only 4 twisted pairs are shown for each cable).

Complies with **ANSI/TIA-568.2**



Step 1 - Configuring Horizontal and Backbone Cables to the Wiring Block

Remove the outer jacket of the horizontal or backbone cable up to 10 in. (254 mm) from the cable end. This allows individual pairs to be seated in the termination strip as shown in Figure 1. Cut-outs have been provided for optional cable access through the back of the wiring block.

The tip wire of pair 1, T1 (white), should be laced into the first or left-most slot. The ring wire of pair 1, R1 (blue), should be laced into the next slot to the right. Care should be taken to maintain twists as close as possible, 0.5in. (13 mm) or less, to the termination strip. Subsequent pairs should follow this same pattern always keeping the tip (white) wire to the left of the ring wire. No more than one wire should be seated into each slot. For convenience, every five pair have been designated by color coded notches.

After each pair has been laced into the termination strip, excess wire should be trimmed with the cutting edge of an impact tool.

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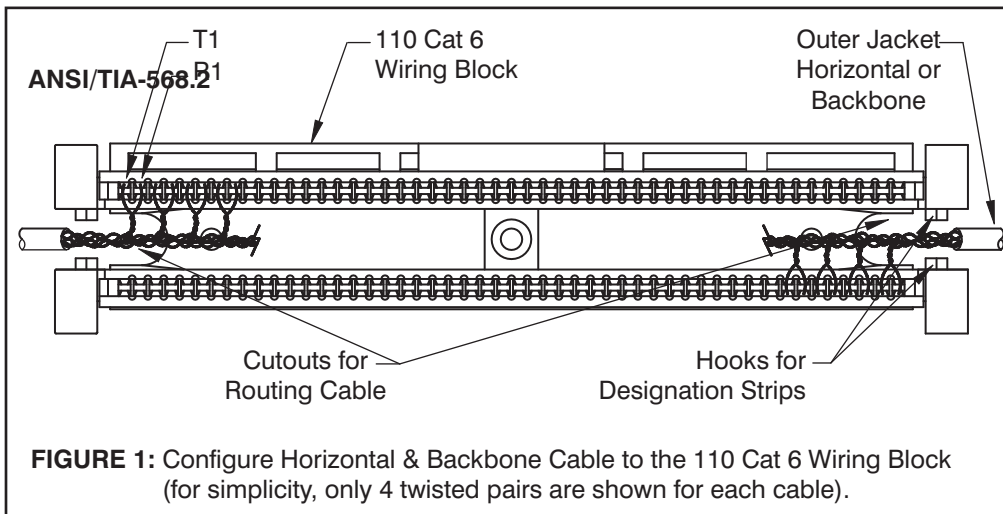


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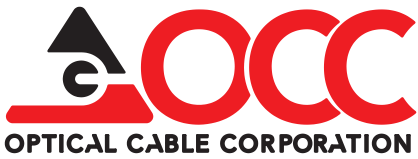


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INSTALLATION INSTRUCTIONS CAT 6 110 WIRING BLOCK

Step 2 - Seating the 110C-4-C6 Connecting Blocks

Once each pair has been laced and trimmed, the 110C-4-C6 connecting blocks are ready to be seated on the termination strip. Orientate the connecting block as shown in Figure 2 with the blue marking on the left (dark side down). Seat the connecting block using OCC (p/n C6110PT) 4-pair impact tool or equivalent.

Snap designation strips over the triangular hooks in the wiring block (Figure 1 on reverse). If cables are orientated according to Figure 1, wiring can be covered with designation strips for a neater appearance.

Step 3 - Terminating Cross-Connect Wires to the Connecting Blocks

The 110C-4-C6 connecting block is a double-ended, insulation displacement connector. It should be noted that only 22 through 26AWG (0.64-0.40 mm) insulated wire should be used with this connector.

Once the connecting blocks have been seated and designation strips snapped into place, cross-connect wires can be terminated to the top of the connecting blocks. Arrange wires as shown in Figure 3 and terminate using OCC (p/n C6110PT) impact tool or equivalent. The 4-pair impact tool is not recommended for terminating wires to the top of the connecting blocks. Make sure the conductors are completely seated at the bottom of the wire slots and trim any excess wire using the cutting edge of the impact tool.

Complies with ANSI/TIA-568.2

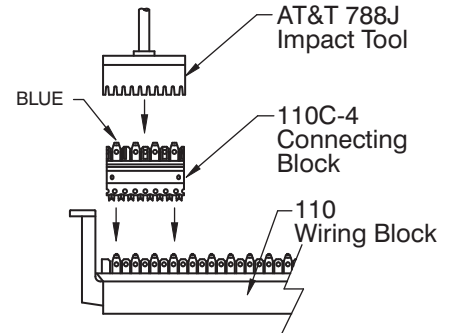


FIGURE 2: Seating for 110C-4 Connecting

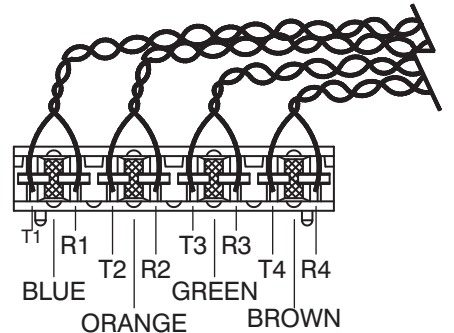
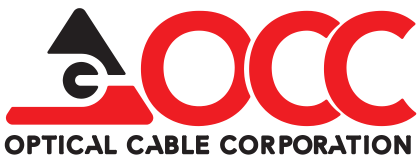


FIGURE 3: Top View of a 4-Pair 110C-4 Connecting Block

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10540001 Rev E Sheet 2



INSTALLATION INSTRUCTIONS CAT 6 110 WIRING BLOCK

Step 2 - Seating the 110C-4-C6 Connecting Blocks

Once each pair has been laced and trimmed, the 110C-4-C6 connecting blocks are ready to be seated on the termination strip. Orientate the connecting block as shown in Figure 2 with the blue marking on the left (dark side down). Seat the connecting block using OCC (p/n C6110PT) 4-pair impact tool or equivalent.

Snap designation strips over the triangular hooks in the wiring block (Figure 1 on reverse). If cables are orientated according to Figure 1, wiring can be covered with designation strips for a neater appearance.

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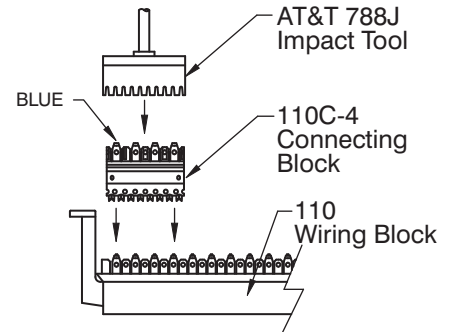


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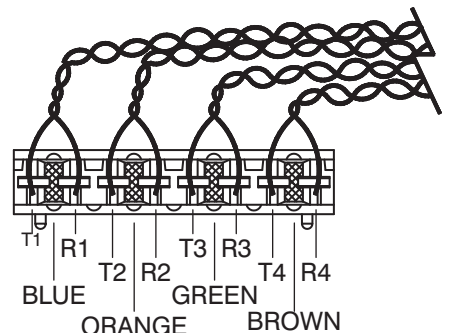


FIGURE 3: Top View of a 4-Pair 110C-4 Connecting Block

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