



## 110 Field Terminated Cross-Connect System Terminal Blocks – Installation and Wiring Instructions

### General

The 110 wiring block kits are designed to provide everything needed to terminate twisted-pair cables with conductor sizes from 26 to 22 gauge (0.40 to 0.64mm). The blocks consist of 25-pair groups and come in configurations to accommodate 100- and 300-pairs.

Ordering information is listed below:

Material ID	Part No.	Description
107058901	110AA2-100 FT	110C-5 x 20 terminal blocks
107058935	110AA2-300 FT	110C-5 x 60 terminal blocks
107058919	110AB2-100FT	110C-5 x 4 and 110C-4 x 20 connecting blocks
107058943	110AB2-300FT	110C-5 x 12 and 110C-4 x 60 connecting blocks

### How to Contact Us

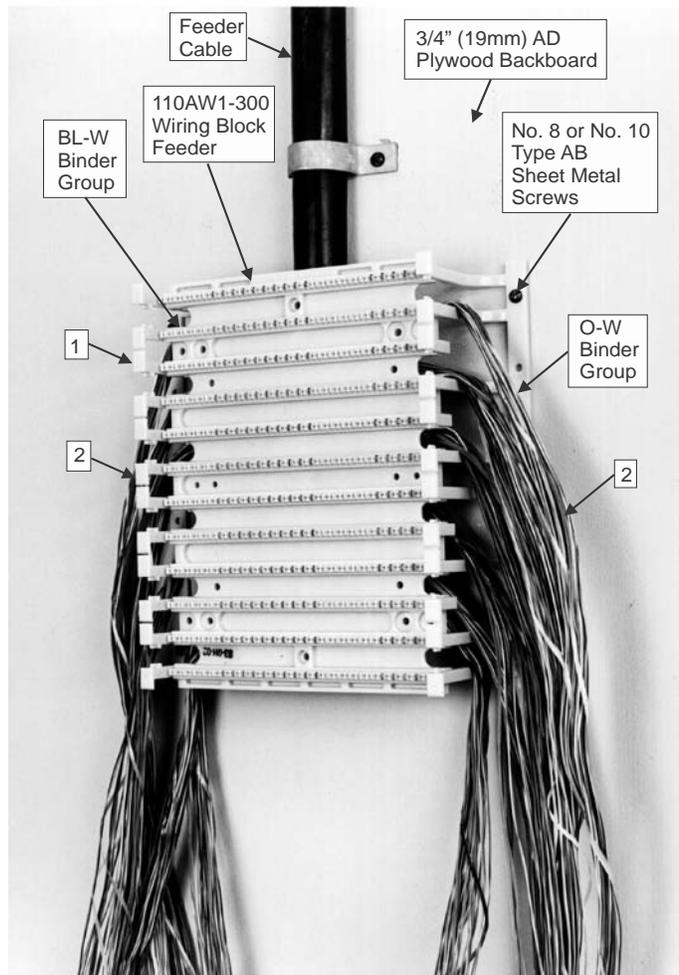
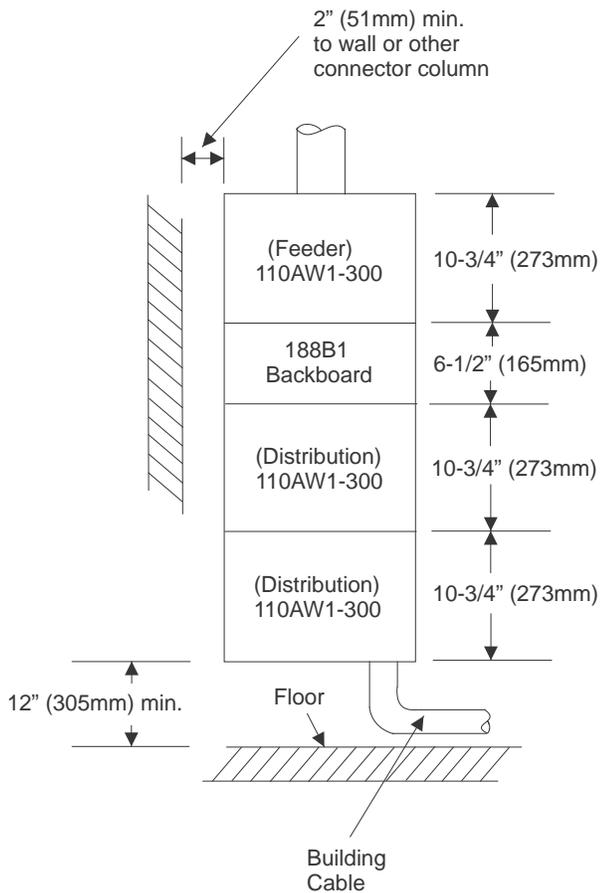
- To find out more about **CommScope®** products, visit us on the web at <http://www.commscope.com/>
- For technical assistance:
  - Within the United States, contact your local account representative or technical support at 1-800-344-0223. Outside the United States, contact your local account representative or Authorized Business Partner.
  - Within the United States, report any missing/damaged parts or any other issues to CommScope Customer Claims at 1-866-539-2795. Outside the United States, contact your local account representative or Authorized Business Partner.

### Parts List

Verify parts against the parts list below:

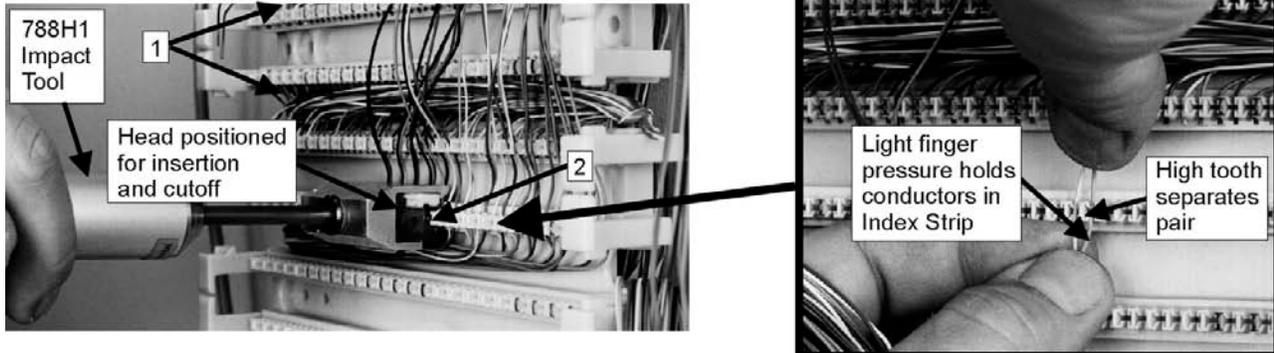
Quantity				Description
110AA2-100 FT	110AA2-300 FT	110AB2-100 FT	110AB2-300 FT	
107058901	107058935	107058919	107058943	
—	1	—	1	110AW2-300 Wiring block
1	—	1	—	110AW2-100 Wiring block
20	60	4	12	110C-5 Connecting block
—	—	20	60	110C-4 Connecting block
—	1	—	1	Designation strip pack (6 per pack)
2	2	2	—	Designation strip (single)
1	1	1	1	Designation strip insert
1	1	1	1	Instruction sheet

## Step 1 – Install Wiring Block and Cable Binder Groups



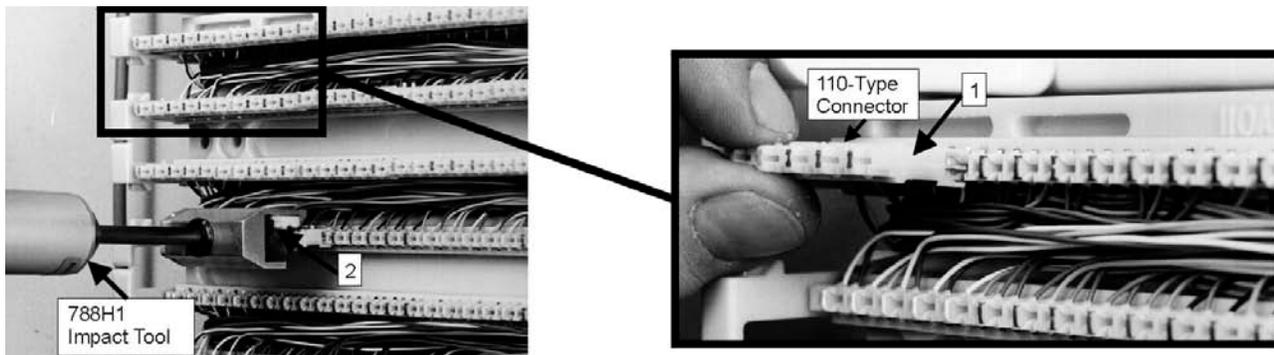
1. Position and mount top (feeder) wiring block on backboard or suitable wall surface 3/4-inch (19mm) thick, AD grade interior plywood, or high-density particleboard.]
2. Feed cable binder groups behind the wiring block and in color-code sequence through cable slots on each side of wiring block.

## Step 2 – Connect Cable Conductors to Index Strips



1. Dress binder groups through wiring trough and place conductors in index strip following even-count color code. Binder groups entering from left are terminated on top index strip and binder groups entering from right are terminated on bottom index strip.
2. Seat and cut conductors using the 788H1 impact tool. Exercise care to prevent cutting wrong side. Remove cut conductors and check to make sure that no short pieces of cut conductors are wedged in wiring slot.

## Step 3 – Install Connecting Blocks

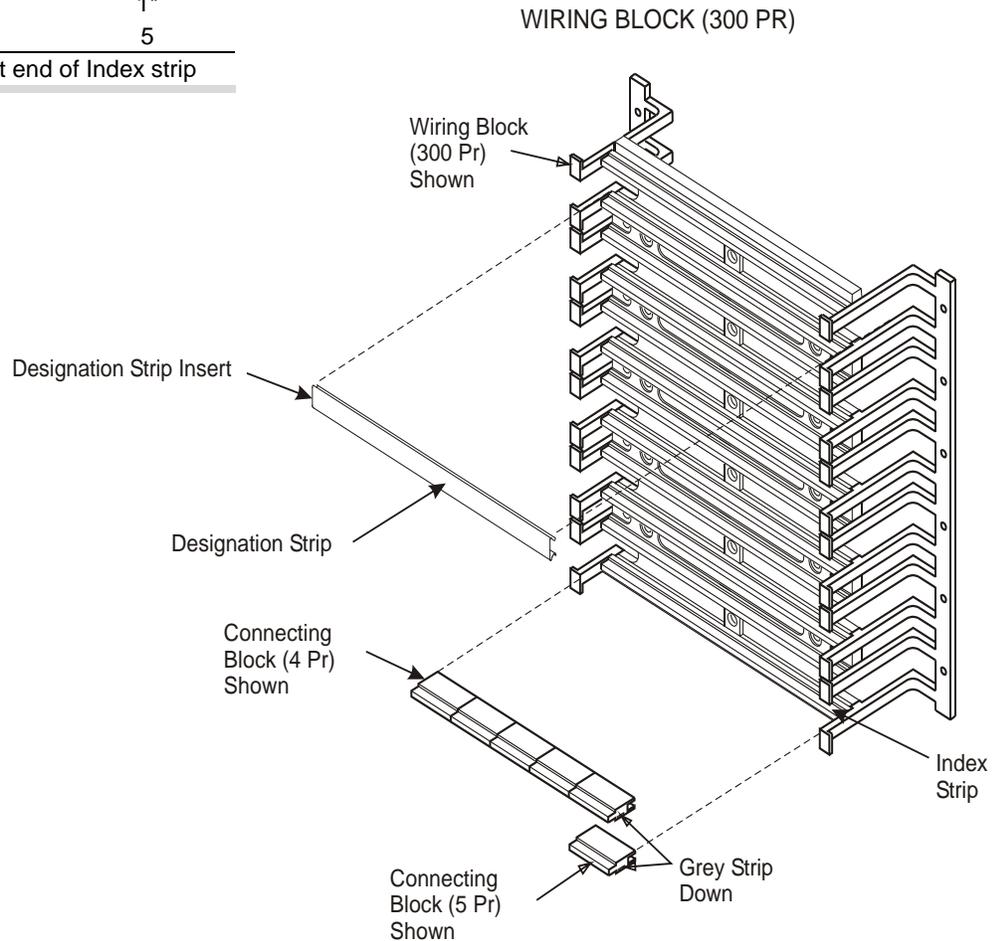


1. Place 110-type connecting block into index strip (gray strip down) aligning clips of connecting block and slots in index strip.
2. Seat connecting block index strip using the 788H1 impact tool.
3. Continue placing and seating connectors until all positions on wiring block (feeder and distribution) have been filled.

## Step 4 – Wire Connector Blocks

Circuit Pair Count	Quantity of Connecting Blocks per Index Strip	
	4-Pair	5 Pair
3	1*	—
2 or 4	5	1*
1 or 5	—	5

\* Located at far right end of Index strip



1. Punch down conductors for each connecting block.
2. Fully seat connecting block (with gray strip down) on the wiring block index strip as shown in the table. Make sure that all holes in connecting block have captured mating detents in wiring block index strip.
3. When connecting block installation is completed, mark each designation strip, insert as appropriate and place in associated designation strip.
4. Attach the designation strips to the wiring block index strips.