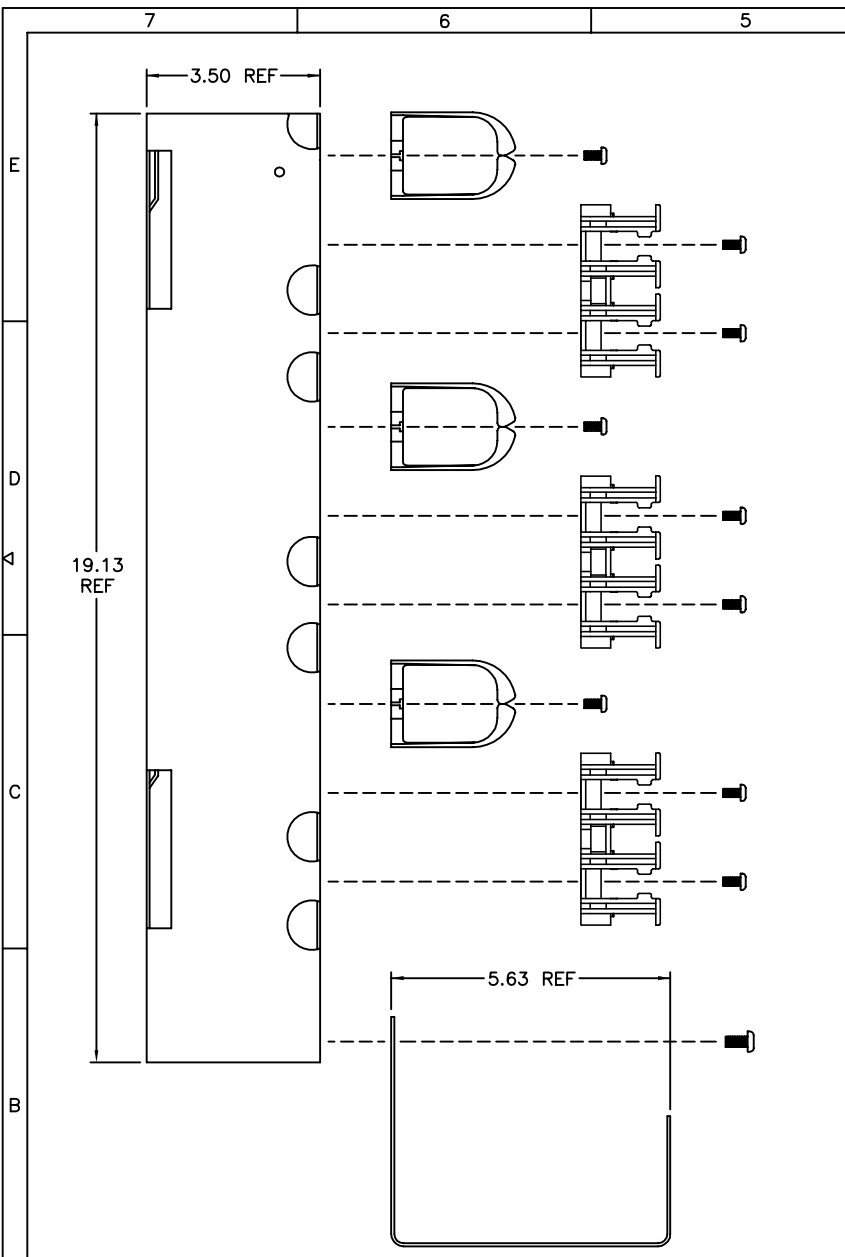
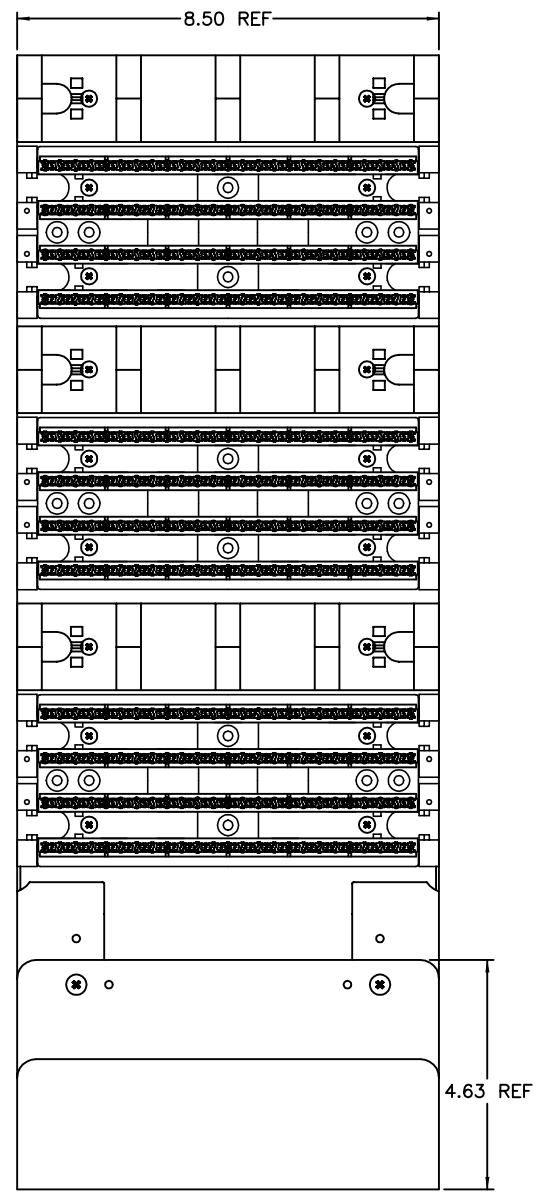


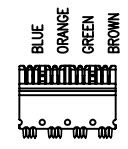
REV		SHT		DESCRIPTION		DATE	ECH	CHECKED
A	ALL	RELEASE	NEW			6/11/02	NEW	RBS



LEFT SIDE

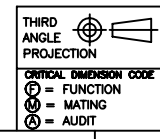


FRONT VIEW



C4 CONNECTOR  
72 QUANTITY  
NOTE: SEE SHEET 2 FOR INSTRUCTIONS.

DCC288/110SIXTWB		VERTICAL MGR, 110 TOWER, 288PR, W/TROUGH, CAT6	
OCC PART NO.		DESCRIPTION	
<b>UNCONTROLLED COPY</b>			
<small>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES: FRACTIONS ±1/32" ANGLES ±1/2° 3 PLACE DECIMALS ±.005" 2 PLACE DECIMALS ±.01"</small>		<small>THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF OPTICAL CABLE CORPORATION AND MAY NOT BE USED AS THE BASIS FOR MANUFACTURE OR SALE WITHOUT SPECIFIC WRITTEN PERMISSION OF OPTICAL CABLE CORPORATION.</small>	
<small>DRAWN BY D.A.HOLBERT</small>		<small>DATE 6/11/02</small>	
<small>CHECKED BY R.B.SMITH</small>		<small>DATE 6/22/02</small>	
<small>ENGINEER J.YANIK</small>		<small>DATE 6/11/02</small>	
<small>APPROVED H.JOHNSON</small>		<small>DATE 10/1/10</small>	
<small>PREVIOUS DWG</small>		<small>SIZE C</small>	
<small>NEXT DWG</small>		<small>DWG NO. C105371</small>	
<small>FILENAME C105371S1A.DWG</small>		<small>REV A</small>	
<small>SCALE NONE</small>		<small>SHEET 1 OF 2</small>	



MATERIAL PANEL: CRS, 16 GAGE OTHER: POLYCARBONATE UL LISTED RATING 94V-0  
FINISH PANEL: POWDER COAT PAINTED BLACK



5290 Concourse Drive  
Roanoke, VA 24019  
Phone: 800-822-7711  
Fax: 540-285-0724  
www.occfiber.com

DWG TITLE  
VERTICAL MGR, 110 TOWER, 288PR, W/TROUGH, CAT6

A

A

REV		SHT		REVISIONS		DATE	ECH	CHECKED
A	ALL	RELEASE	NEW			6/11/02	NEW	RBS

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.

**Step 1**  
Configuring Horizontal & 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, 0.5 in. (13mm) 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.

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

Once each pair has been laced and trimmed, the 110C-4 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 SMP (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 (0.64-0.40mm) 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 SMP (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.

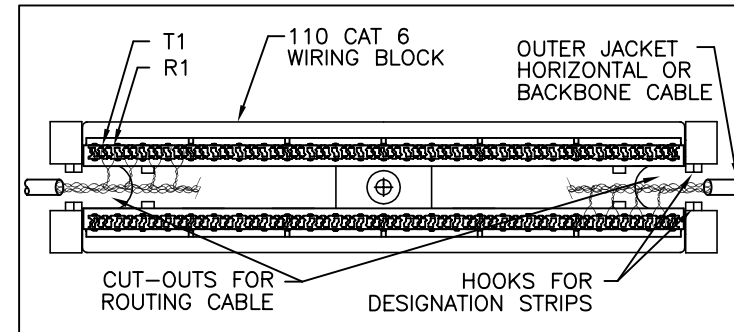


FIGURE 1 – CONFIGURE HORIZONTAL & BACKBONE CABLE TO THE 110 CAT6 WIRING BLOCK (FOR SIMPLICITY, ONLY 4 TWISTED PAIRS ARE SHOWN FOR EACH CABLE)

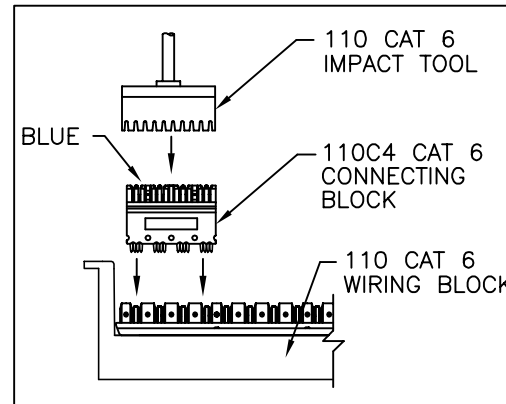


FIGURE 2 – SEATING THE 110C4 CAT6 CONNECTING BLOCK

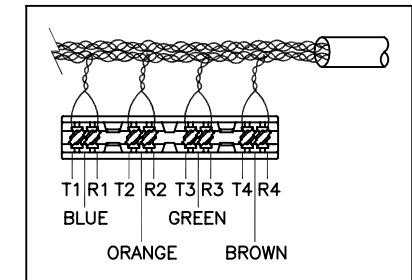



FIGURE 3 – TOP VIEW OF A 4–PAIR 110C4 CAT6 CONNECTING BLOCK

<b>UNCONTROLLED COPY</b>		 <b>OPTICAL CABLE CORPORATION</b>	5290 Concourse Drive Roanoke, VA 24019 Phone: 800-822-7711 Fax: 540-285-0724 www.occfiber.com	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS ±1/32" ANGLES ±1/2° 3 PLACE DECIMALS ±.005" 2 PLACE DECIMALS ±.01"			THIS DRAWING AND THE DESIGN SHOWN ARE THE PROPERTY OF OPTICAL CABLE CORPORATION AND MAY NOT BE USED AS THE BASIS FOR MANUFACTURE OR SALE WITHOUT SPECIFIC WRITTEN PERMISSION OF OPTICAL CABLE CORPORATION.	
THIRD ANGLE PROJECTION	MATERIAL PANEL: CRS, 16 GAGE OTHER: POLYCARBONATE UL LISTED RATING 94V-0	CHECKED BY R.B.SMITH	DATE 6/22/02	DWG TITLE <b>VERTICAL MGR, 110 TOWER, 288PR, W/TROUGH, CAT6</b>
	FINISH PANEL: POWDER COAT PAINTED BLACK	ENGINEER J.YANIK	DATE 6/11/02	
CRTICAL DIMENSION CODE		APPROVED H.JOHNSON	DATE 10/1/10	SIZE C
⊕ = FUNCTION ⊗ = MATING Ⓐ = AUDIT		PREVIOUS DWG		DWG NO. <b>C105371</b>
		NEXT DWG	FILENAME C105371S2A.DWG	SCALE NONE
				SHEET 2 OF 2
				REV A