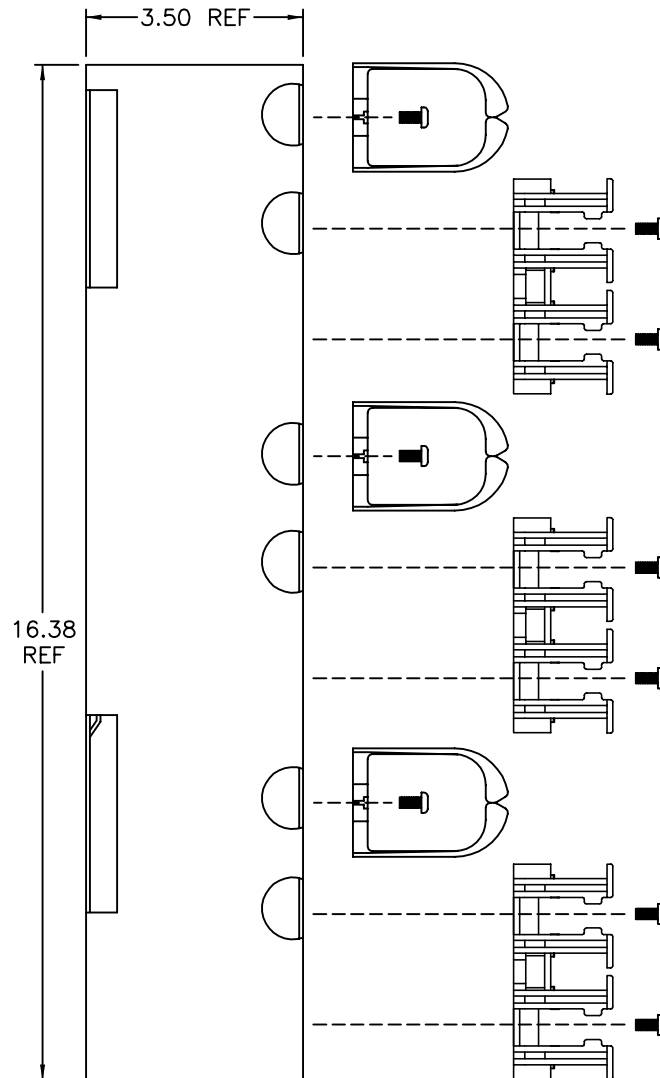
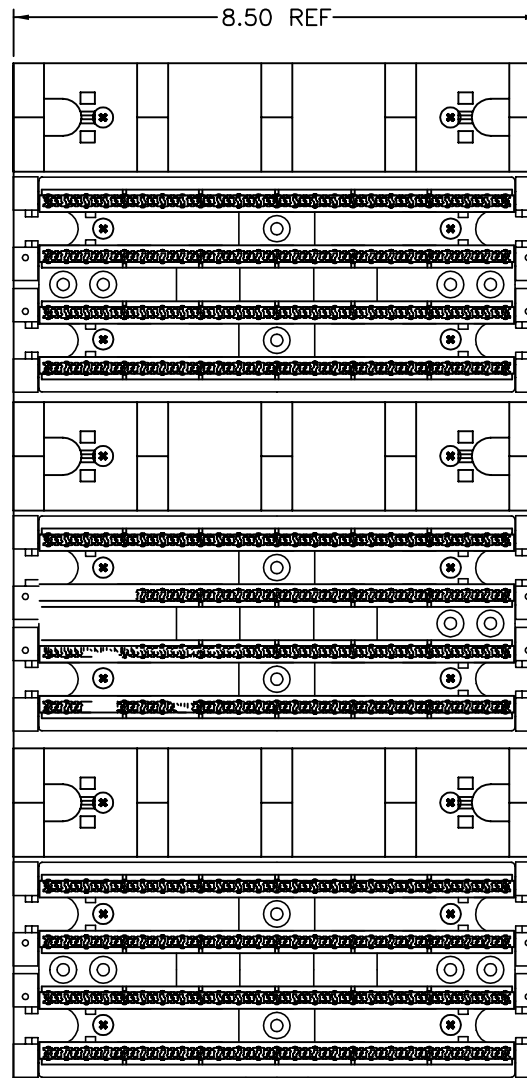


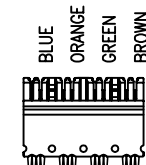
REVISIONS				
REV	SHT	DESCRIPTION	DATE	EON CHECKED
A	ALL	RELEASE NEW	6/11/02	NEW RBS



LEFT SIDE



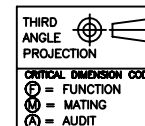
FRONT VIEW



C4 CONNECTOR
72 QUANTITY

NOTE: SEE SHEET 2 FOR INSTRUCTIONS.

DCC288/110SIXTEXP		VERTICAL MGR, 110 TOWER, 288PR, EXPANSION, CAT6			
OCC PART NO.		DESCRIPTION			
UNCONTROLLED COPY		 OPTICAL CABLE CORPORATION		5290 Concourse Drive Roanoke, VA 24019 Phone: 800-622-7711 Fax: 840-265-0724 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 MANU- FACTURE OR SALE WITHOUT SPECIFIC WRITTEN PERMISSION OF OPTICAL CABLE CORPORATION.		DRAWN BY D.A.HOLBERT		DATE 6/11/02	
CHECKED BY R.B.SMITH		DATE 6/22/02		DWG TITLE	
ENGINEER J.YANIK		DATE 6/11/02		VERTICAL MGR, 110 TOWER, 288PR, EXPANSION, CAT6	
APPROVED H.JOHNSON		DATE 10/1/10		SIZE	DWG NO.
PREVIOUS DWG		C		C105372	
NEXT DWG		FILENAME C105372S1A.DWG		SCALE	SHEET
		NONE		1 OF 2	
				REV A	



THIRD
ANGLE
PROJECTION

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, EXPANSION, CAT6

SIZE C DWG NO. C105372

		REVISIONS			
REV	SHT	DESCRIPTION	DATE	ECN	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 26AW G (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.

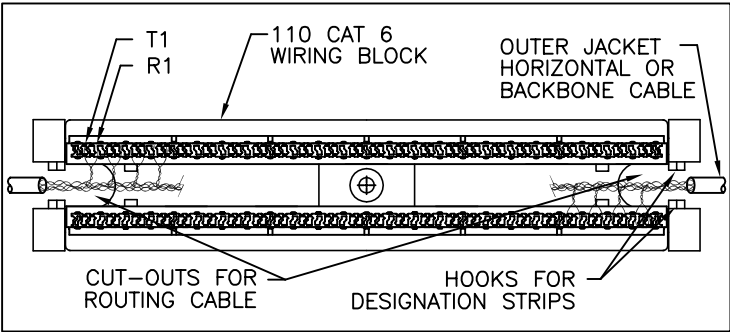


FIGURE 1 – CONFIGURE HORIZONTAL & BACKBONE CABLE TO THE 110 CAT6 WIRING BLOCK (FOR SIMPLICITY, ONLY 4 TWISTED PAIRS ARE SHOWN FOR EACH CABLE)

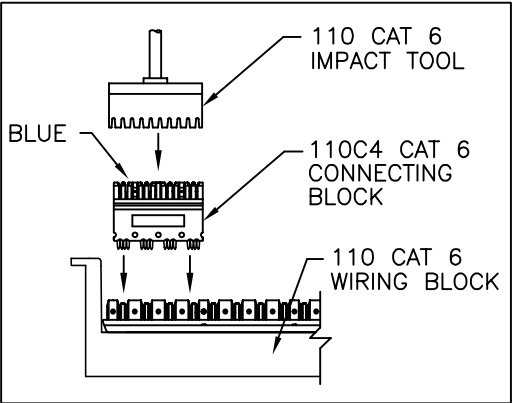


FIGURE 2 – SEATING THE 110C4 CAT6 CONNECTING BLOCK

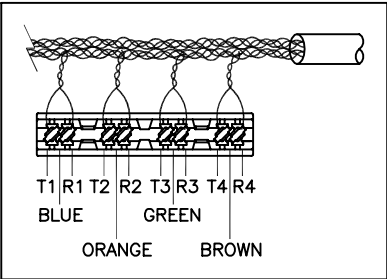


FIGURE 3 – TOP VIEW OF A 4–PAIR 110C4 CAT6 CONNECTING BLOCK

THIRD ANGLE PROJECTION 		UNCONTROLLED COPY 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. DRAWN BY D.A.HOLBERT DATE 6/11/02 CHECKED BY R.B.SMITH DATE 6/22/02 ENGINEER J.YANIK DATE 6/11/02 APPROVED H.JOHNSON DATE 10/1/10 PREVIOUS DWG NEXT DWG		 OPTICAL CABLE CORPORATION 5290 Concourse Drive Roanoke, VA 24019 Phone: 800-822-7711 Fax: 540-285-0724 www.occfiber.com	
MATERIAL PANEL: CRS, 16 GAGE OTHER: POLYCARBONATE UL LISTED RATING 94V-0 FINISH PANEL: POWDER COAT PAINTED BLACK		DWG TITLE VERTICAL MGR, 110 TOWER, 288PR, EXPANSION, CAT6		SIZE C		DWG NO. C105372	
CRITICAL DIMENSION CODE (F) = FUNCTION (M) = MATING (A) = AUDIT		FILENAME C105372S2A.DWG		SCALE NONE		SHEET 2 OF 2	