NOTES:

1. (08) ALL CABLE ASSEMBLIES DESCRIBED BY THIS DOCUMENT SHALL BE IN ACCORDANCE WITH PERFORMANCE SPECIFICATION OR-71800079C, AND SHALL MEET OR EXCEED 'TIER 3' SPECIFICATIONS.
2. EACH CONNECTOR SHALL BE INDIVIDUALLY IDENTIFIED AND THE CORRESPONDING INSERTION LOSS FOR EACH CONNECTOR SHALL BE APPLIED TO THE DATA CARD IN THE PACKAGING.
3. THE NOTATION "XXX" WITHIN THE PART NUMBER SHALL IDENTIFY THE OVERALL LENGTH FROM FERRULE TIP TO FERRULE TIP AS SHOWN. THE UNITS OF MEASURE ARE INDICATED BY THE CHARACTER POSITION IMMEDIATELY FOLLOWING THE "XXX" PORTION OF THE PART NUMBER (I.E. M=METERS; F=FEET, H='XXX'+1/2 FOOT). LENGTH TOLERANCE IS -0/+.12 METERS (-0/+4.7 IN.). LENGTH DIFFERENCE BETWEEN BROKEN OUT LEADS SHALL BE WITHIN -0/+.025 METERS (-0/+1.0 IN.).
4. CONNECTOR ENDS "A" & "B" SHALL BE IDENTIFIED BY CHARACTER POSITIONS "YP", & "ZP" IN THE PART NUMBER, WHERE 'YP' IS CONNECTOR AND SECURITY KEY DESIGNATOR AT END "A", AND 'ZP' IS CONNECTOR AND SECURITY KEY DESIGNATOR AT END "B". TABLE 1 SHOWS CONNECTOR DEFINITIONS, TABLE 2 DEFINES SECURITY KEY POSITIONS. ALSO SEE FIGURES 1 THRU 6 AND TABLES 3A & 3B. DUPLEXING CLIP COLOR SHALL BE BEIGEFOR SECURE-KEYED TERMINATIONS AND AQUA FOR ALL OTHER TERMINATIONS. CONNECTOR HOUSING COLOR SHALL BE AQUA EXCEPT FOR SECURE-KEYED TERMINATIONS.
5. END "A" AND/OR END "B" REMOVABLE DUPLEXING CLIPS ARE SUPPLIED UNASSEMBLED IN THE UNIT PACKAGING FOR FIELD INSTALLATION.
6. END IDENTIFICATION LABELS ARE APPLIED TO SHOW FIBER ROUTING AND SHALL BE AS FOLLOWS: "A" CONNECTS TO "C" AND "B" CONNECTS TO "D".
7. EACH CABLE SHALL BE IDENTIFIED WITH "ORTRONICS", A PART NUMBER, A 4 DIGIT MANUFACTURE DATE CODE (WWYY=WEEK YEAR) AND LOCATION CODE (XX). "ORTRONICS" AND THE PART NUMBER MAY BE ON A SEPARATE LABEL AND SHALL BE LOCATED ADJACENT TO THE MANUFACTURING LABEL.

⬡ INDICATES NOTE REFERENCE.

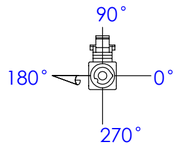


TABLE 1			
CONN DEFINITION	CONN OUTLINE	STYLE	INTERMATEABILITY
A		LC(DUPLEX)	TIA/EIA-604-10
B		SC(DUPLEX)	TIA/EIA-604-3
F		SC(SIMPLEX)	TIA/EIA-604-3
G		LC(SIMPLEX)	TIA/EIA-604-10

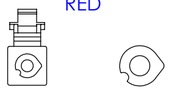
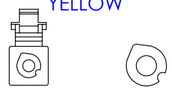
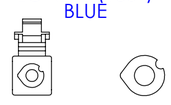
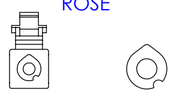
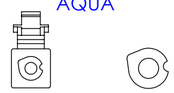
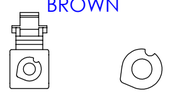
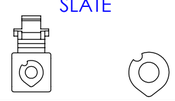
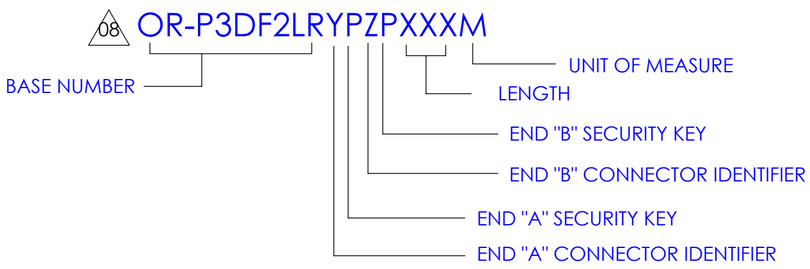
LC KEYING TABLE (WITH ENLARGED VIEWS)		
LC KEY1 (0°) RED 	LC KEY2 (240°) GREEN 	LC KEY3 (120°) YELLOW 
LC KEY4 (300°) BLACK 	LC KEY5 (60°) ORANGE 	LC KEY6 (180°) BLUE 
LC KEY7(30°) VIOLET 	LC KEY8 (90°) ROSE 	LC KEY9 (150°) AQUA 
LC KEY10 (210°) BROWN 	LC KEY11 (270°) SLATE 	LC KEY12 (330°) WHITE 

TABLE 2 (4)	
"P"	SECURITY KEY POS
A	1 = RED
B	2 = GREEN
C	3 = YELLOW
D	4 = BLACK
E	5 = ORANGE
F	6 = BLUE
G	7 = VIOLET
H	8 = ROSE
I	9 = AQUA
J	10 = BROWN
K	11 = SLATE
L	12 = WHITE
Z	NON - KEYED



PART NUMBER LEGEND

ITEM	QUAN	PART NUMBER	SUPPLIER/VENDOR	DESCRIPTION
8		(4)		CONNECTOR ST SIMPLEX
7		(4)		CLIP, DUPLEXING, SC
6		(4)		CLIP, DUPLEXING, LC
(08) 5		(3)		CABLE, 2 FIBER, 2.0MM ZIP CORD (INTERCONNECT), OM3 BI, 2000/500, RISER, AQUA JACKET
4		(4)		CONNECTOR SC SIMPLEX
3		(4)		CONNECTOR LC SIMPLEX
2		(4)		CONNECTOR SC DUPLEX
1		(4)		CONNECTOR LC DUPLEX

*** NOTICE ***
THIS DOCUMENT CONTAINS CONFIDENTIAL AND/OR PROPRIETARY INFORMATION INTENDED FOR USE ONLY BY THE INDIVIDUAL(S) PROVIDED. NEITHER THIS DOCUMENT, NOR ANY INFORMATION CONTAINED HEREIN, MAY BE COPIED, DISTRIBUTED, DISCLOSED TO ANY THIRD PARTY OR USED IN ANY MANNER OTHER THAN FOR WHICH IT HAS BEEN PROVIDED, WITHOUT THE PRIOR WRITTEN CONSENT OF ORTRONICS, INC. MANUFACTURING RELEASE. PRODUCT SPECIFICATIONS AND STANDARDS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

ORTRONICS®
125 EUGENE O'NEILL DRIVE
NEW LONDON, CT 06320
TEL: 860-445-3800
FAX: 860-405-2990
WWW.ORTRONICS.COM

TITLE

(08) FIBER CORD ASSY, "A-B", 2 FIBER, 2.0MM ZIP CORD, OM3 BI, 2000/500, RISER, AQUA JACKET

	NAME	DATE
DWN	RYNASKI	8/29/2007
CHK	AM	9/17/2007
APPR	MEM	9/17/2007

SIZE	CAD FILE	DWG NO	REV
C	P3DF2LRYPZPXXXMC	OR-P3DF2LRYPZPXXXM	08

SCALE 1:1 SHEET 1 OF 3

TABLE 3A (4)			
"YPZP"	END "A" CONN TYPE	END "B" CONN TYPE	FIGURE
AAAA	LC-PC (KEY A)	LC-PC (KEY A)	
ABAB	LC-PC (KEY B)	LC-PC (KEY B)	
ACAC	LC-PC (KEY C)	LC-PC (KEY C)	
ADAD	LC-PC (KEY D)	LC-PC (KEY D)	
AEAE	LC-PC (KEY E)	LC-PC (KEY E)	
AFAF	LC-PC (KEY F)	LC-PC (KEY F)	
AGAG	LC-PC (KEY G)	LC-PC (KEY G)	
AHAH	LC-PC (KEY H)	LC-PC (KEY H)	
AIAI	LC-PC (KEY I)	LC-PC (KEY I)	
AJAJ	LC-PC (KEY J)	LC-PC (KEY J)	
AKAK	LC-PC (KEY K)	LC-PC (KEY K)	
ALAL	LC-PC (KEY L)	LC-PC (KEY L)	
AAAZ	LC-PC (KEY A)	LC-PC (NO KEY)	1
ABAZ	LC-PC (KEY B)	LC-PC (NO KEY)	
ACAZ	LC-PC (KEY C)	LC-PC (NO KEY)	
ADAZ	LC-PC (KEY D)	LC-PC (NO KEY)	
AEAZ	LC-PC (KEY E)	LC-PC (NO KEY)	
AFAZ	LC-PC (KEY F)	LC-PC (NO KEY)	
AGAZ	LC-PC (KEY G)	LC-PC (NO KEY)	
AHAZ	LC-PC (KEY H)	LC-PC (NO KEY)	
AIAZ	LC-PC (KEY I)	LC-PC (NO KEY)	
AJAZ	LC-PC (KEY J)	LC-PC (NO KEY)	
AKAZ	LC-PC (KEY K)	LC-PC (NO KEY)	
ALAZ	LC-PC (KEY L)	LC-PC (NO KEY)	
AZAZ	LC-PC (NO KEY)	LC-PC (NO KEY)	1
AABZ	LC-PC (KEY A)	SC-PC (NO KEY)	2
ABBZ	LC-PC (KEY B)		
ACBZ	LC-PC (KEY C)		
ADBZ	LC-PC (KEY D)		
AEBZ	LC-PC (KEY E)		
AFBZ	LC-PC (KEY F)		
AGBZ	LC-PC (KEY G)		
AHBZ	LC-PC (KEY H)		
AIBZ	LC-PC (KEY I)		
AJBZ	LC-PC (KEY J)		
AKBZ	LC-PC (KEY K)		
ALBZ	LC-PC (KEY L)		
AZBZ	LC-PC (NO KEY)	SC-PC (NO KEY)	2
AAFZ	LC-PC (KEY A)	SC-PC (NO KEY)	3
ABFZ	LC-PC (KEY B)		
ACFZ	LC-PC (KEY C)		
ADFZ	LC-PC (KEY D)		
AEFZ	LC-PC (KEY E)		
AFFZ	LC-PC (KEY F)		
AGFZ	LC-PC (KEY G)		
AHFZ	LC-PC (KEY H)		
AIFZ	LC-PC (KEY I)		
AJFZ	LC-PC (KEY J)		
AKFZ	LC-PC (KEY K)		
ALFZ	LC-PC (KEY L)		

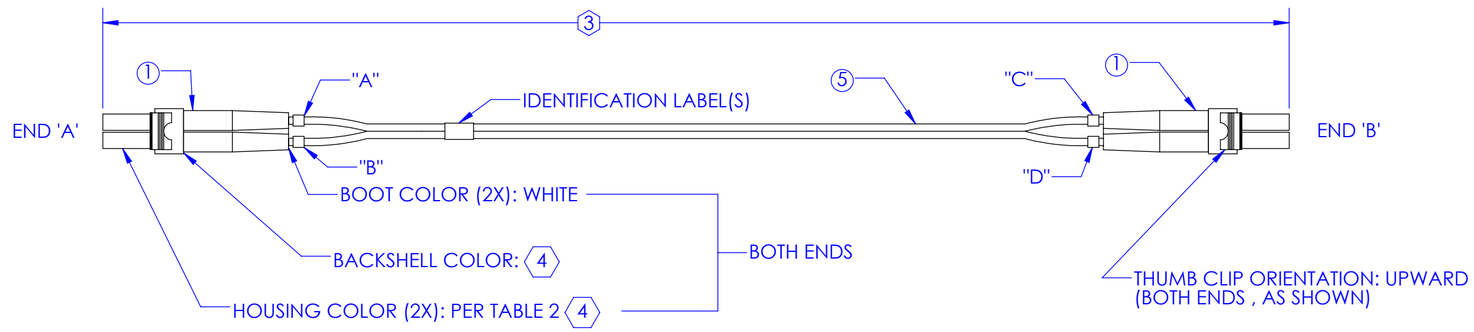


FIGURE 1
SHOWING ASSEMBLY WITH DUPLEXING CLIP

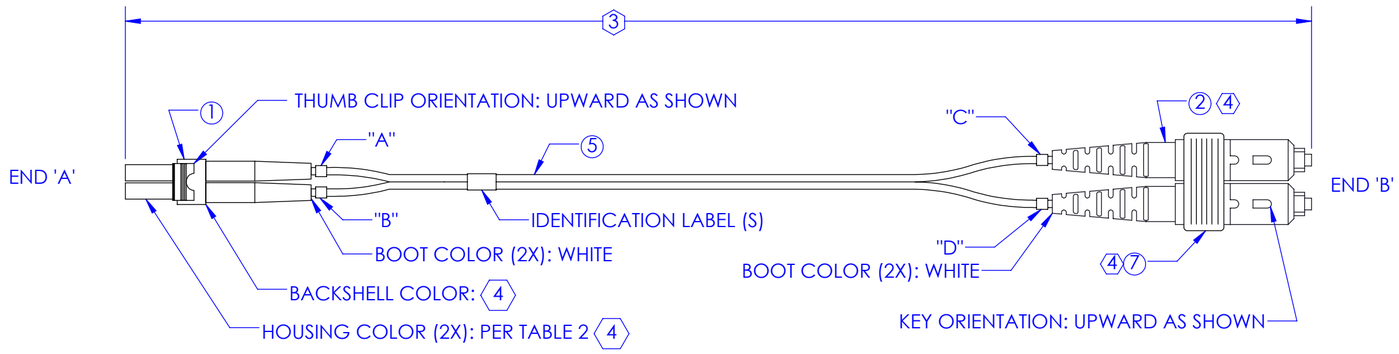


FIGURE 2
SHOWING ASSEMBLY WITH DUPLEXING CLIPS

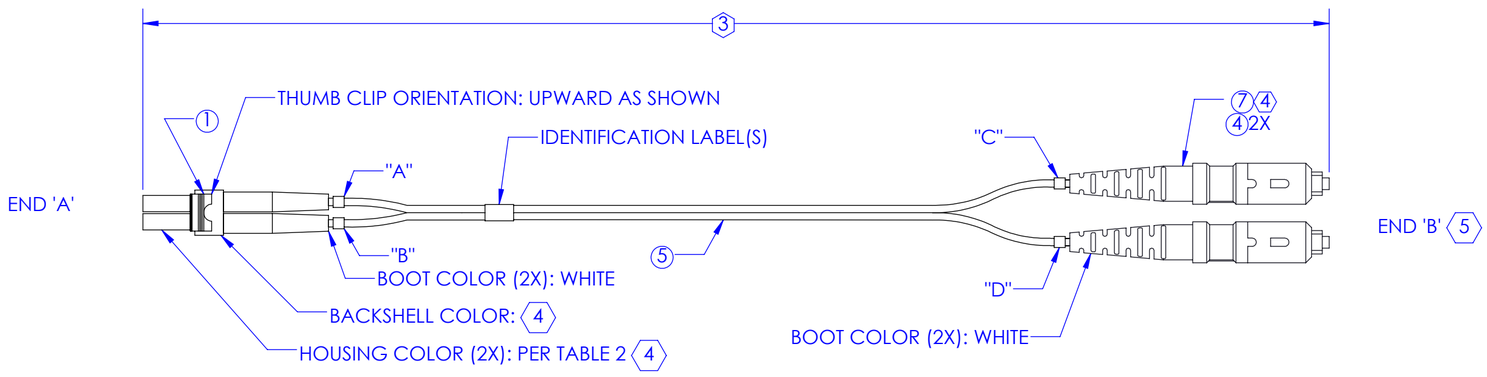


FIGURE 3

ORTRONICS
125 EUGENE O'NEILL DRIVE
NEW LONDON, CT 06320
TEL: 860-445-3800
FAX: 860-405-2990
WWW.ORTRONICS.COM

SIZE	CAD FILE	DWG NO	REV.
C	P3DF2LRYPZPXXXMC	OR-P3DF2LRYPZPXXXM	08
SCALE 1:1		SHEET 2 OF 3	

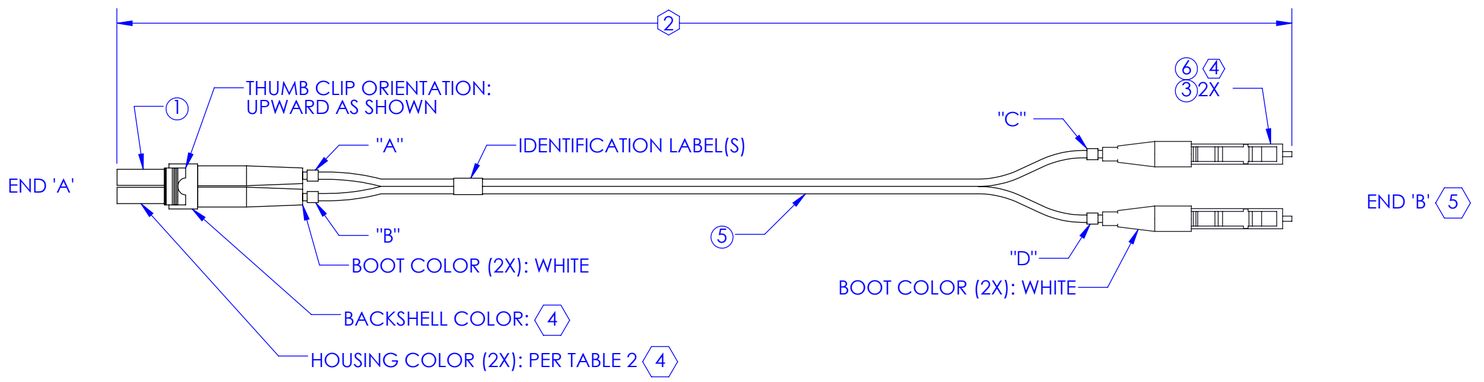


FIGURE 4

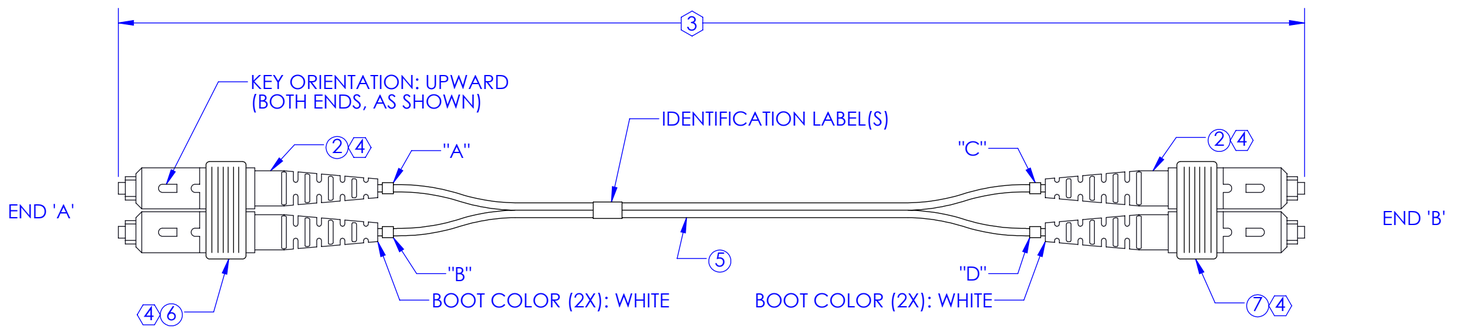


FIGURE 5
SHOWING ASSEMBLY WITH DUPLEXING CLIPS

TABLE 3B 4			
"YPZP"	END "A" CONN TYPE	END "B" CONN TYPE	FIGURE
AAGZ	LC-PC (KEY A)	LC-PC (NO KEY)	4
ABGZ	LC-PC (KEY B)		
ACGZ	LC-PC (KEY C)		
ADGZ	LC-PC (KEY D)		
AEGZ	LC-PC (KEY E)		
AFGZ	LC-PC (KEY F)		
AGGZ	LC-PC (KEY G)		
AHGZ	LC-PC (KEY H)		
AIGZ	LC-PC (KEY I)		
AJGZ	LC-PC (KEY J)		
AKGZ	LC-PC (KEY K)		
ALGZ	LC-PC (KEY L)		
BZBZ	SC-PC (NO KEY)	SC-PC (NO KEY)	5
FZFZ	SC-PC (NO KEY)	SC-PC (NO KEY)	6
FZGZ		LC-PC (NO KEY)	
GZGZ	LC-PC (NO KEY)	LC-PC (NO KEY)	

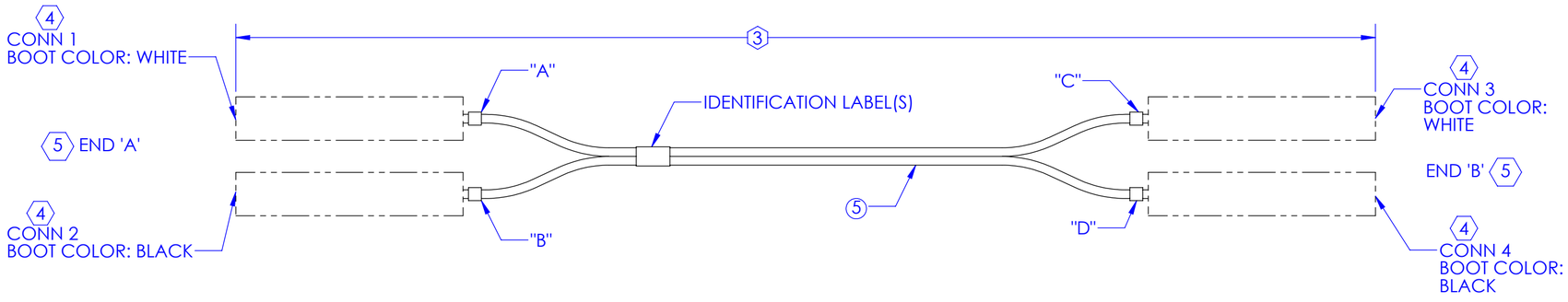


FIGURE 6

ORTRONICS
125 EUGENE O'NEILL DRIVE
NEW LONDON, CT 06320
TEL: 860-445-3800
FAX: 860-405-2990
WWW.ORTRONICS.COM

SIZE	CAD FILE	DWG NO	REV.
C	P3DF2LRYPZPXXXMC	OR-P3DF2LRYPZPXXXM	08
SCALE 1:1		SHEET 3 OF 3	