

3	C1	25 COND. (12 TW PAIR + 1 WIRE + SHIELD) CABLE WITH ④ COPPER BRAID (SHIELD) AND ⑤ PEEK OVERBRAID	1	
4	CONTINENTAL PART #24x3x40BC	COPPER BRAID - CONTINENTAL CORDAGE PART #24x3x40BC	1	110 in.
5	#6759	PEEK BRAID - PART #6759 MANUFACTURED WITH ZEUS 0.016" BLACK PEEK DRAWN MONOFILAMENT	1	
6	GLENAIR # 600-052 or BAND-IT # A10086	GLENAIR #600-052 STANDARD BRAID CLAMP or BAND-IT PART # A10086 (0.240" WIDE) ("BAG OF 100" #A10089)	2	

6

CABLE 25 COND. 28 AWG, (STRANDED) WITH 2 LAYERS OF KAPTON TAPE. 12 TWISTED PAIRS (4 TO 5 TWISTS PER INCH) + 1 WIRE. Β. OVERALL 40AWG COPPER BRAID 50% COVÉRAGE - SUPPLIED BY LIGO. OVERALL PEEK BRAID MIN. 50% COVERAGE. OVERALL CABLE O.D. WILL BE 0.240 IN.

C. CONNECTORS WILL BE SUPPLIED WITH HARDWARE. SCREWS SHOULD BE THE PROPER LENGTH FOR MATING.

	NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIF	IED)	7/1111		
IMENSIONS ARE IN	1. INTERPRET DRAWING PER ASME Y 2. REMOVE ALL SHARP EDGES, .005- ALL EDGES APPROXIMATLEY R.02 FC	.015. FOR MACHINED PARTS. ROUND	LIGO	CALIFORNIA INSTITUTE OF TEC MASSACHUSETTS INSTITUTE O	
DLERANCES: X ± XX ±	3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE SOLUBLE AND FREE OF SULFUR, SILIC	FULLY SYNTHETIC, FULLY WATER	SYSTEM		SUB-S
	MATERIAL	FINISH	NEXT ASSY		
NGULAR±°	Material <not spe<="" td=""><td>ecified></td><td>µinch</td><td></td><td></td></not>	ecified>	µinch		
	5	4		3	

Z	1			
REV. DATE	DCN #	DRAWING TREE #		

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BLE NAME	COND WIRE ID	TWISTED PAIR	LENGTH	FROM	то	
25A-110	25 COND. CABLE	(12 TOTAL)	110 in.	CONN. J1	CONN. J2	
	W1	SHIELD	110 in	PIN 1, SHELL	PIN 1, SHELL	
	W2	TD 1	110 in	PIN 2	PIN 2	
	W14	TP-1	110 in	PIN 14	PIN 14	
	W3	TP-2	110 in	PIN 3	PIN 3	
	W15	11 -2	110 in	PIN 15	PIN 15	
	W4	TP-3	110 in	PIN 4	PIN 4	
	W16		110 in	PIN 16	PIN 16	
	W5 TP-4		100 in	PIN 5	PIN 5	
	W17	11 -4	110 in	PIN 17	PIN 17	
	W6	TP-5	110 in	PIN 6	PIN 6	
	W18	II -5	110 in	PIN 18	PIN 18	
	W7	TP-6	110 in	PIN 7	PIN 7	
	W19		110 in	PIN 19	PIN 19	
	W8	TP-7	110 in	PIN 8	PIN 8	
	W20		100 in	PIN 20	PIN 20	
	W9	TP-8	<u>110 in</u>	PIN 9	PIN 9	
	W21		110 in	PIN 21	PIN 21	
	W10	TP-9	110 in	PIN 10	PIN 10	
	W22	*	110 in	PIN 22	PIN 22	
	W11 TP-10	TP-10	<u>110 in</u>	PIN 11	PIN 11	
	W23		110 in	PIN 23	PIN 23	
	W12	TP-11	110 in	PIN 12	PIN 12	
	W24		110 in	PIN 24	PIN 24	
	W13	TP-12	110 in	PIN 13	PIN 13	
	W25		110 in	PIN 25	PIN 25	

SUBSYSTEM	AIR/VAC	STANDARD USE
SEI	IN-VAC	FROM FLANGE TO TRILLIUM PODS

INOLOGY TECHNOLOGY	PART NAME CUS	-	CABLE	SP	ECI	FICATIO	N V	25A-	110
UB-SYSTEM	DESIGNER	B. ABBOTT	JUN/05/2012	SIZE	DWG. N	Ю.			REV.
SEI	DRAFTER	E. BROWN	JUN/05/2012		D1	1001	57		v6
	CHECKER						JZ		VO
	APPROVAL			SCAL	: 1:1	PROJECTION:	$\bigcirc \bigcirc \bigcirc$	SHEET	1 OF 1
1	APPROVAL	2		SCAL	≌ 1:1	PROJECTION:	$\frac{}{1}$	SHEET	1 OF