





## V25B-108 CABLE ASSEMBLY CIRCUIT SUMMARY V-DB25HD F/S1-108-DB25HD F/S1

CABLE NAME	COND WIRE ID	DOUBLE TWISTED PAIR	LENGTH *	FROM	то	
V25B-108	16 COND. CABLE	(12 TOTAL)	108 in.	Conn. J1	Conn. J2	
	SHIELD		108 in	PIN 1, SHELL	PIN 1, SHELL	
	W13	TP-1	108 in	PIN 13	PIN 13	
	W25	IF-I	108 in	PIN 25	PIN 25	
	W12	TP-2	108 in	PIN 12	PIN 12	
	W24	IF-Z	108 in	PIN 24	PIN 24	
	W11	TP-3	108 in	PIN 11	PIN 11	
	W23	11-9	108 in	PIN 23	PIN 23	
	W10	TP-4	108 in	PIN 10	PIN 10	
	W22	108 in	PIN 22	PIN 22		
	W9	TP-5	108 in	PIN 9	PIN 9	
	W21	11-5	108 in	PIN 21	PIN 21	
	W8	TP-6	108 in	PIN 8	PIN 8	
	W20	11-0	108 in	PIN 20	PIN 20	
	W7	TP-7	108 in	PIN 7	PIN 7	
	W19	11 -7	108 in	PIN 19	PIN 19	
	W6	TP-8	108 in	PIN 6	PIN 6	
	W18	11 -0	108 in	PIN 18	PIN 18	
PIN 14,2,15,3,16,4,17,5 N/C (	(NOT CONNECTED)					

SEE REFERENCE DCC# LIGO-D1100670

		PICOMOTOR CABLE E TO SEISMIC TABLE
V-D	B25HD F/S1	-108-DB25HD F/S1
	STANDARD US	E FOR THIS CABLE
SUBSYSTEM	AIR/VAC	STANDARD USE
ISC	IN-VAC	PICOMOTORS - FLANGE TO TOP
		HAM2 flange D4-3C2 to CB6, IO picomotors; HAM3 flange D3-3C1 to CB3, IO picomotors

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)		ノ	JIIII CALIFORNIA INSTITUTE OF TECHNOLOGY PA		PART NAME CUSTOM CABLE SPECIFICATION								
DIMENSIONS ARE IN	1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005015. FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATLEY R.02 FOR SHEET METAL PARTS.			LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLO									
TOLERANCES:	3. DO NOT SCALE FROM DRAWING.		SYS	M	SUB-SYSTEM	DESIGNER	R.ABBOTT	MAY/4/2011	SIZE DWG. N	Ю.		REV.	
.XX ± .XXX ±	4. ALL MACHINING FLUIDS MUST BE F SOLUBLE AND FREE OF SULFUR, SILIC			0	ISC	DRAFTER	E.BROWN	MAY/4/2011	ח וונ	GO - D1101659		v1	
	MATERIAL	FINISH	NEX	ASSY		CHECKER				33 Bilo1007		<b>V</b> 1	
	Material <not spe<="" td=""><td>Material <not specified=""> µ</not></td><td>μinch</td><td></td><td></td><td>APPROVAL</td><td></td><td></td><td>SCALE: 1:1</td><td>PROJECTION:</td><td>SHEET 1</td><td>OF 1</td></not>	Material <not specified=""> µ</not>	μinch			APPROVAL			SCALE: 1:1	PROJECTION:	SHEET 1	OF 1	

OVERALL PEEK BRAID MIN. 50% COVERAGE

SCREWS SHOULD BE THE PROPER LENGTH FOR PROPER MATING)

CONNECTORS WILL BE SUPPLIED WITH HARDWARE (LENGTH OF SCREWS AS SHOWN ARE APPROXIMATE

OVERALL CABLE O.D. ~ 0.260 IN.

**NOTES CONTINUED:**