

1 2 3 4 5 6

A

A

B

B

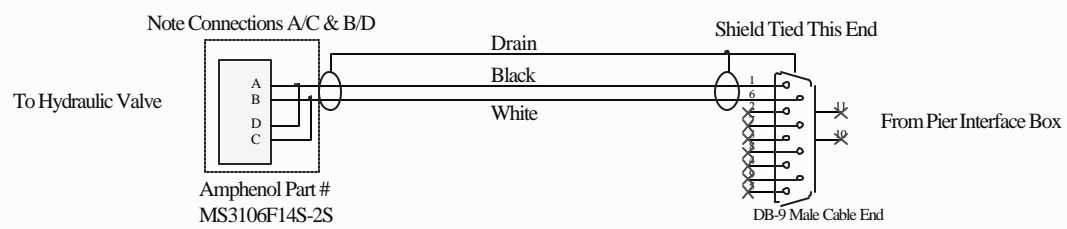
C

C

D

D

Cable - Belden 9729
2 Pair, 24 AWG



Cable Lengths:
Horizontal = 58 Inches
Vertical = 40 Inches

Title Hydraulic Valve Interface Cable		LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology		LIGO	
Size: B	DCC Number: D040453	SCH / PCB Revision: A	Engineer: RS Abbott	Date: 8/30/2004	
File: C:\Rich's Files\MyCADfiles\Sci_int\HEPL\HEPL\Cables\valve_cab.SchDoc				Time: 11:09:04 AM	
				Sheet 1 of 5	

1 2 3 4 5 6



Pressure Sensor

4 pin cable

4 pin round conn
FEMALE

4 pin round conn
MALE

DB9
MALE

DB9

Pin mapping	
Pressure sensor cable	4 pin connector
Black	3
Drain	3
White	4
Red	1
Green	2

Pin mapping	
4 pin male conn	DB9
1	1
2	4
3	8
4	6

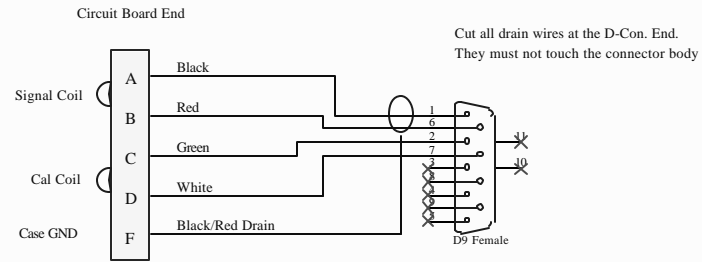
Pin Mapping for IDC to D Connector:		
IDC	D	Funct
1	1	+10 Volt Supply
2	6	AD620 Minus Pin
6	8	GND
7	4	AD620 Plus Pin

All other pins are unused.

Date Last Modified: 26 April 2004

Title Pump Servo Cables		LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology		LIGO	
Size: B	DCC Number: D040453	PCB / SCH Revision: A	Ed: 1/10/04	Date: 8/30/2004	
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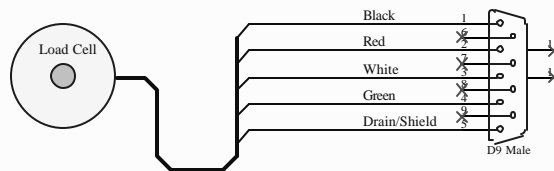
LAC Cable Assembly



Title		HEPI LAC Seismometer Cable		LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology		LIGO	
Size: B	DCC Number: D040453	SCH / PCB Revision: A	Engineer: RS Abbott	Date: 8/30/2004			
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				Sheet 3 of 5			

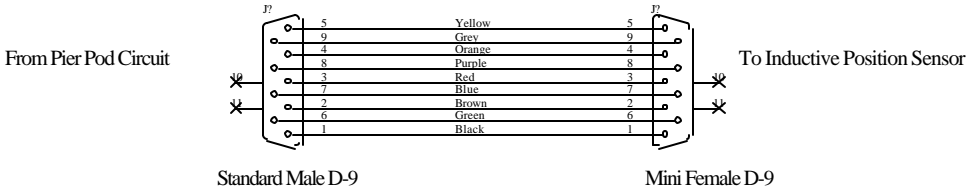
Load Cell Cable Assembly

Drain wire must not touch the connector body



Title HEPI Load Cell Cable		LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology		LIGO
Size: B	DCC Number: D040453	SCH / PCB Revision: A	Engineer: RS Abbott	
File: C:\Rich's Files\Mycadfiles\Sci_int\HEPI\HEPICables\loadcell_cable.SchDoc				Time: 11:11:38 AM
				Sheet 4 of 5

Interconnect Cable Inside Pier Pod



Black	1
Brown	2
Red	3
Orange	4
Yellow	5
Green	6
Blue	7
Purple	8
Grey	9

Title Inductive Position Sensor Pigtail Cable		LIGO Laboratory California Institute of Technology Massachusetts Institute of Technology		LIGO	
Size: B	DCC Number: D040453	SCH / PCB Revision: A	Engineer: RS Abbott	Date: 8/30/2004	
File: C:\Rich's Files\Mycadfiles\Sci_int\HEPL\HEPI\Cables\ips Sch.Dwg				Time: 11:12:25 AM	
				Sheet 5 of 5	