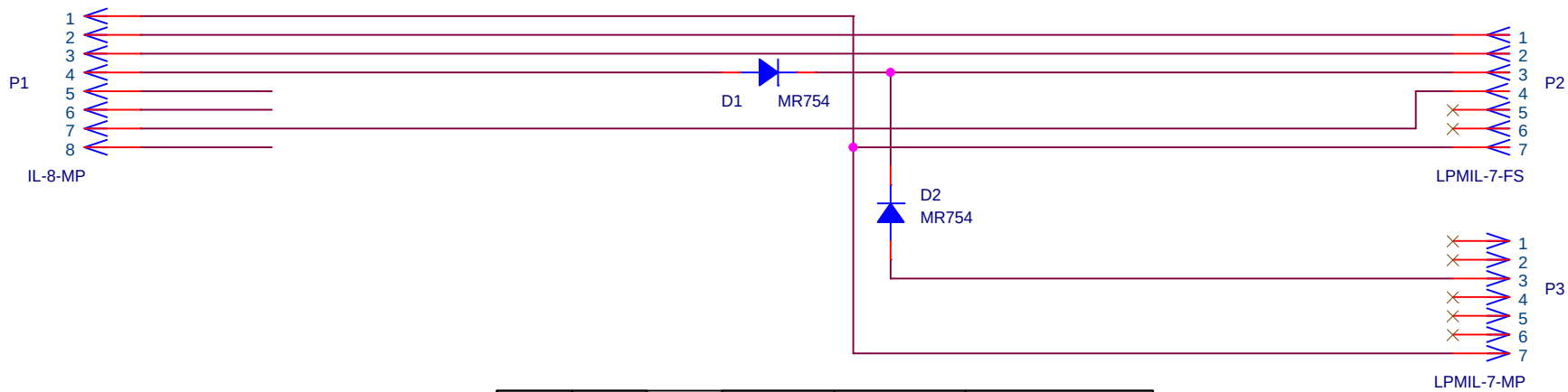
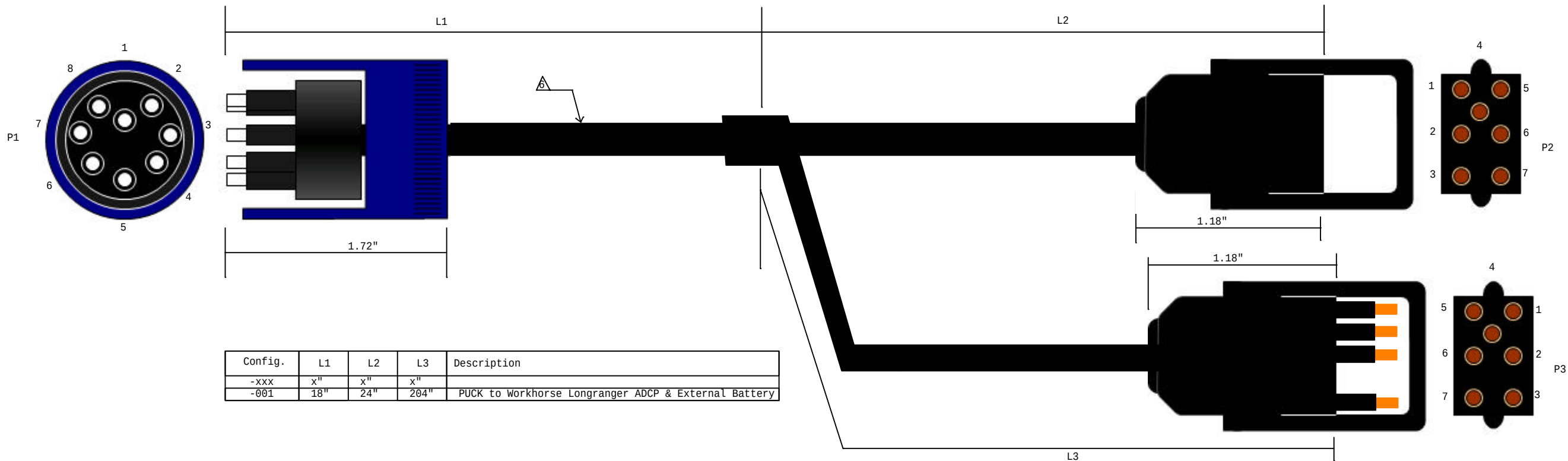




P1 Pin	P2 Pin	P3 Pin	Size (AWG)	Color	Description -001
1	7	7	20	White	Power Ground
2	1	--	20	Black	TX
3	2	--	20	Green	RX
4	3 (D1)	3 (D2)	20	Red	Power
5	--	--	20	Orange	RTS
6	--	--	20	Blue	CTS
7	4	--	20	White/Black	Signal Ground
8	--	--	20	Red/Black	--



Config.	L1	L2	L3	Description
-xxx	x"	x"	x"	
-001	18"	24"	204"	PUCK to Workhorse Longranger ADCP & External Battery

Ref. Des.	Mfgr.	Mfgr. P/N	Description
P1	Impulse	IL-8-MP	WET PLUGGABLE In Line 8-pin Male
P2	Impulse	LPMIL-7-FS	Mini Wet Pluggable rectangular 7-pin with neoprene locking strap
P3	Impulse	LPMIL-7-MP	Mini Wet Pluggable rectangular 7-pin with neoprene locking strap
--	Seacon	--	Neoprene Cable with eight (8) 20AWG wires
--	Impulse	DLSB-M	WET PLUGGABLE Male DELRIN locking sleeve for 8-pin
D1, D2	On Semi.	MR754	Diode, Rectifier 400V 6A

Notes (unless otherwise specified):

1. Cable jacket to be neoprene per B/A X5727
2. Cable to meet minimum current capacity of 4.9 Amps per conductor
3. All lengths are +2.0" -0.5"
4. All dimensions are in inches unless otherwise noted.
5. Mold diodes into "Y"
6. Mark part number and current rev letter
7. Part number: 1002168

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Designed by: Lance McBride

Drawn by: Lance McBride

B	02/13/2004	Added P3 for external battery
A	11/07/2003	Initial Release
Rev.	Date	Description
Monterey Bay Aquarium Research Institute 7700 Sandholdt Rd., Moss Landing, CA 95039-9644		
Title Cable, PUCK to Workhorse Longranger ADCP		
Size B	Document Number 1002168	Rev B
Date:	Friday, February 13, 2004	Sheet 1 of 1