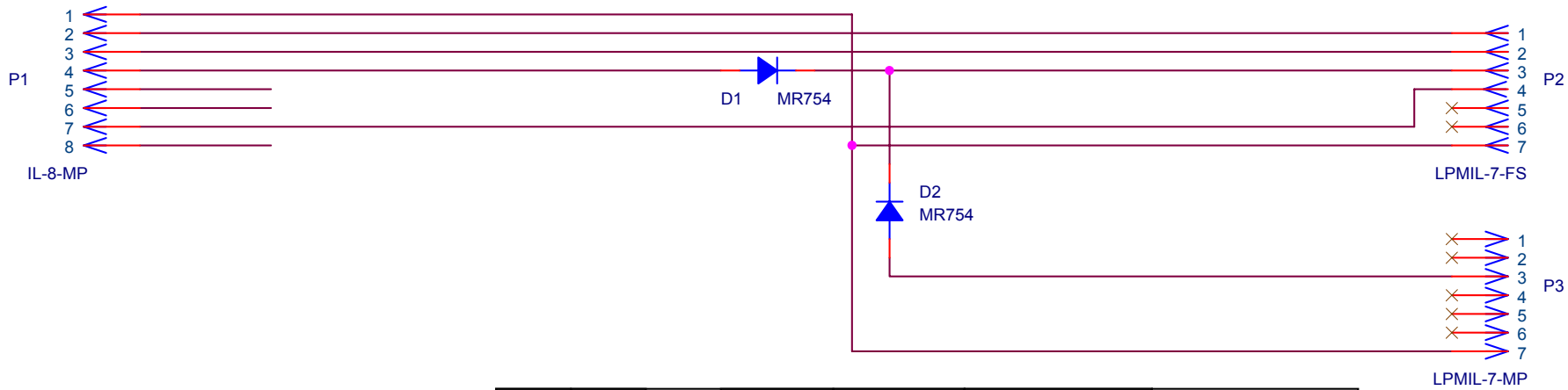
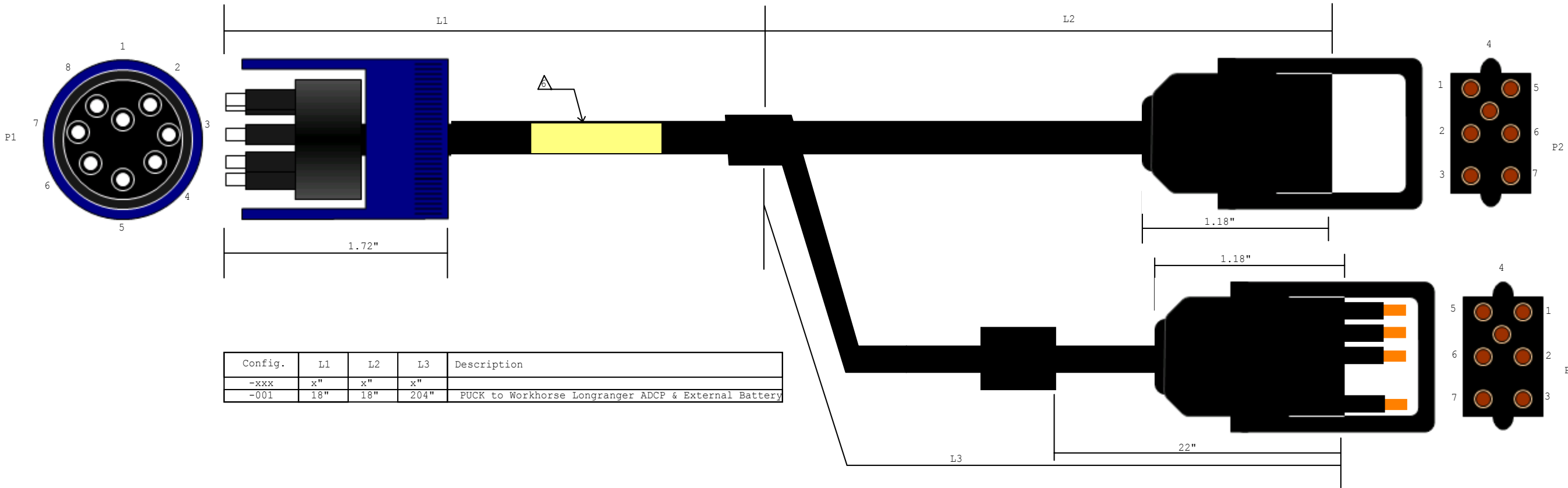




P1 Pin	P2 Pin	P3 Pin	Size (AWG)	Color	Alternate Color	Description -001
1	7	7	20	White	Red	Power Ground
2	1	--	20	Black	Green	TX
3	2	--	20	Green	Orange	RX
4	3 (D1)	3 (D2)	20	Red	Brown	Power
5	--	--	20	Orange	Black	RTS
6	--	--	20	Blue	Blue	CTS
7	4	--	20	White/Black	Yellow	Signal Ground
8	--	--	20	Red/Black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



Config.	L1	L2	L3	Description
-xxx	x"	x"	x"	
-001	18"	18"	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):

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

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Designed by: Lance McBride

Drawn by: Lance McBride

D	02/24/2004	Added Seacon's alternate color code
C	02/19/2004	Revised L2 length and added splice on L3
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 D
Date:	Tuesday, May 10, 2005	Sheet 1 of 1