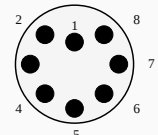


MVC Sphere

USBL/Burnwire

Burn Wire +	Burn Wire +	WHT	22 AWG	1
Burn Wire -	Burn Wire -	WHT	22 AWG	2
USBL +24V	USBL +24V	WHT	22 AWG	3
USBL 0V	USBL 0V	WHT	22 AWG	4
USBL ON/OFF	USBL ON/OFF	WHT	22 AWG	5
USBL COMMS IN	USBL COMMS IN	WHT	22 AWG	6
USBL OUT/CHG	USBL OUT/CHG	WHT	22 AWG	7
Spare1		WHT	22 AWG	8



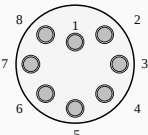
Female Face View
Subconn MCBHRASS
on custom 1" stem

Single Teflon Conductors

12 inches length

Sonardyne USBL/Burnwire

1	20 AWG	Black	Burn Wire +	1	Black
2	20 AWG	White	Burn Wire -	1	White
3	20 AWG	Red	USBL +24V	4	Black 1
4	20 AWG	Green	USBL 0V	2	White 2
5	20 AWG	Orange	USBL ON/OFF	5	Red 3
6	20 AWG	Blue	USBL COMMS IN	1	Green 4
7	20 AWG	Wht/Blk	USBL OUT/CHG	N/C	Orange 5
8	20 AWG	Red/Blk		N/C	



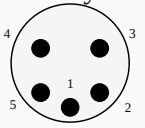
Male Face View
Subconn MCIL8M
Molded to SO Cable

Subconn SO Jacket Cable

18 +/- 1.0 inches length

Low Profile
Molded Junction

Sonardyne USBL



Female Face View
Subconn MCIL5F
Molded to SO Cable

10 +/- 1.0 inches length

Burnwire

Female Face View
Impulse RMA-1-FS



1 Burn Wire -



1 Burn Wire +

Male Face View
Impulse RMA-1-MP

Low Profile Round Splice

White

Black

12 +/- 1.0 inches length

40 +/- 1.0 inches length
18/2 SO Cable

NOTE: NOT DRAWN TO SCALE

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Title:	MVC Wiring to Spare Science
Engineer:	7700 Sandholdt Rd
Checked:	Moss Landing, CA 95039-9644
Part No:	AUV00011
Sheet:	11 of 13
Date:	12/7/2005
Rev:	1