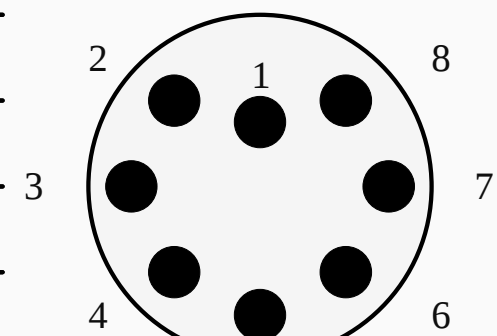


MVC Sphere

DVL Bus+	DVL Bus+	WHT	22AWG	1
DVL Bus Rtn	DVL Bus-	WHT	22AWG	2
		WHT	22AWG	3
DVL RS232 GND	Comms Gnd	WHT	22AWG	4
DVL RS232 TX	RS232 TX	WHT	22AWG	5
		WHT	22AWG	6
DVL RS232 RX	RS232 RX	WHT	22AWG	7
		WHT	22AWG	8



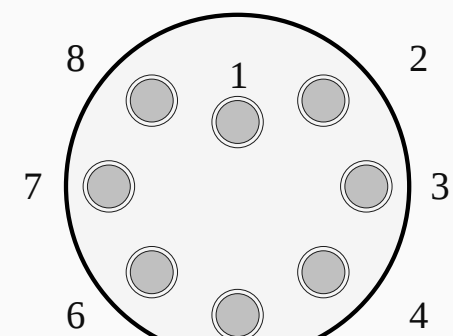
Female Face View
Subconn MCBHRAFSS
on custom 1" stem

Single Teflon Conductors



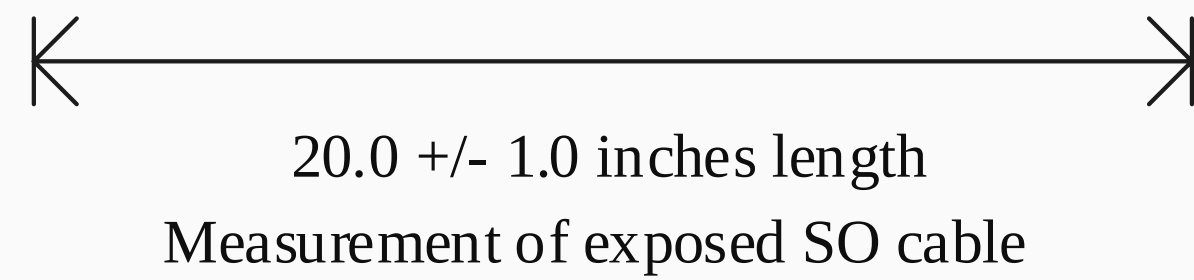
DVL Cable

1	20AWG	Black	DVL Bus+	3
2	20AWG	White	DVL Bus-	7
3	20AWG	Red		
4	20AWG	Green	Comms Return	4
5	20AWG	Orange	DVL RS232 RX	1
6	20AWG	Blue	DVL RS422 InA	5
7	20AWG	Wht/Blk	DVL RS232 TX	2
8	20AWG	Red/Blk	DVL RS422 InB	6

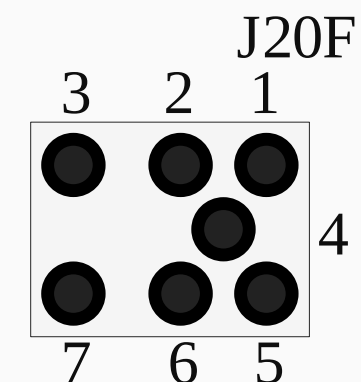


Male Face View
Subconn MCIL8M
on 20/8 SO cable

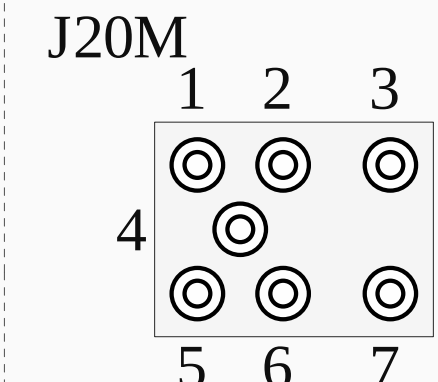
Subconn SO Jacket Cable



RDI DVL



Female Face View
Impulse LPMIL-7-FS
Molded to SO Cable



Male Face View
Impulse LPMBH-7-MP

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Title: MVC Wiring to DVL	
Engineer: 7700 Sandholdt Rd	
Checked: Moss Landing, CA 95039-9644	
Part No.: AUV00008	Rev: 1
Sheet: 8 of 13	Date: 12/8/2005

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