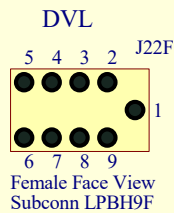


MVC Sphere

DVL Bus+	DVL Bus+	WHT	18 AWG	1
DVL Bus Rtn	DVL Bus-	WHT	18 AWG	2
Sapre1 12V+	12V Pos	WHT	18 AWG	3
Spare1 12V Rtn	12V Gnd	WHT	18 AWG	4
DVL RS232 TX	RS232 TX	WHT	18 AWG	5
		WHT	18 AWG	6
DVL RS232 RX	RS232 RX	WHT	18 AWG	7
		WHT	18 AWG	8
DVL RS232 GND	Comms Gnd	WHT	18 AWG	9

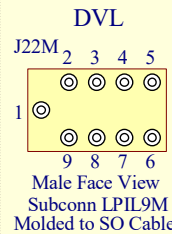


Single Teflon Conductors

12 inches length

DVL Cable

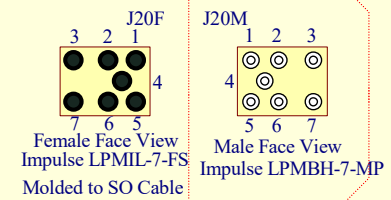
1	20 AWG	Black	DVL Bus+	3
2	20 AWG	White	DVL Bus-	7
3	20 AWG	Red		
4	20 AWG	Green		
5	20 AWG	Orange	DVL RS232 RX	1
6	20 AWG	Blue	DVL RS422 InA	5
7	20 AWG	Wht/Blk	DVL RS232 TX	2
8	20 AWG	Red/Blk	DVL RS422 InB	6
9	20 AWG	Grn/Blk	Comms Return	4



Subconn SO Jacket Cable

20.0 +/- 1.0 inches length
Measurement of exposed PU jacket

RDI DVL



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Title:	MVC Wiring to DVL
Engineer:	7700 Sandholdt Rd
Checked:	Moss Landing, CA 95039-9644
Part No.:	AUV00008
Sheet:	8 of 13
Date:	3/20/2024
Rev:	1
Path:	\\utlas.shore.nbari.org\ProjectLibrary\368000 DMO AUV Schematics\Protel DXP Schs CTD-Vehic