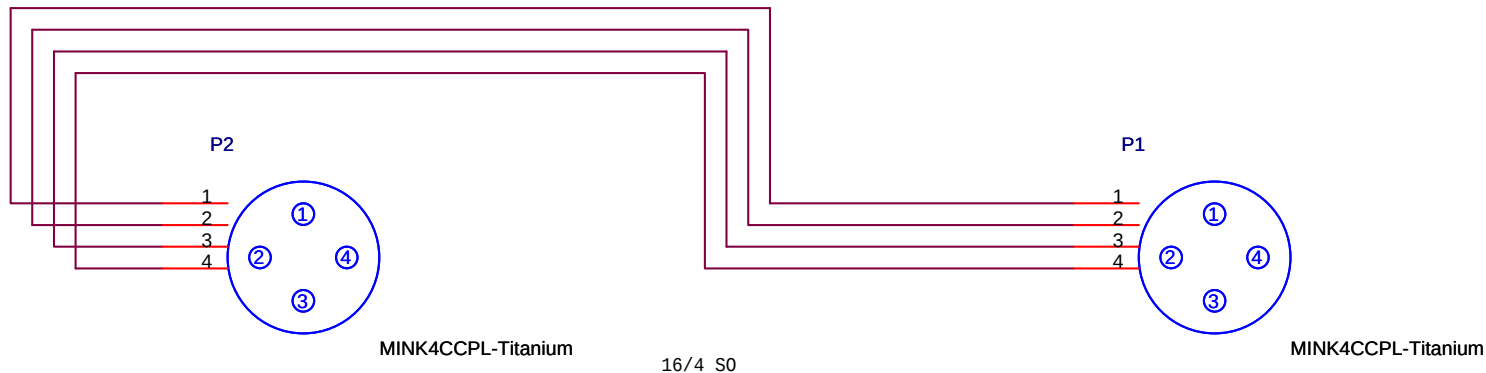
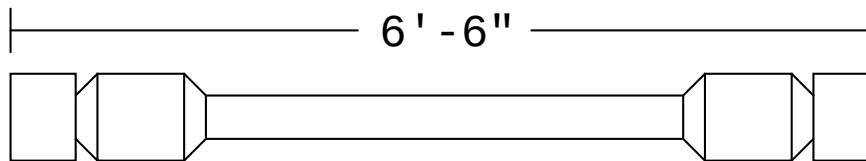


All conductors 12 awg

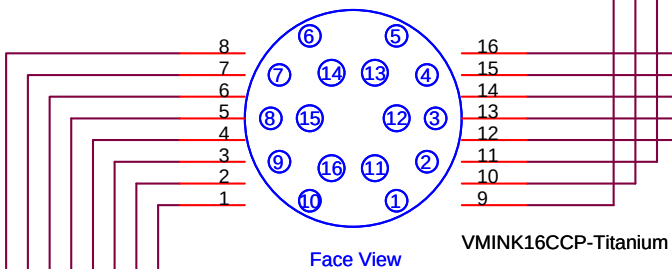


Monterey Bay Aquarium Research Institute 7700 Sandhold Road, Moss Landing, CA 95039				
Title Battery Cable			Project ESP	
Engineer Stensen	Size A	Document Number <Doc>	Part Number CAB1	Rev 0.0
Designer <Designer>	Date:	Thursday, February 05, 2009	Sheet	1 of 1



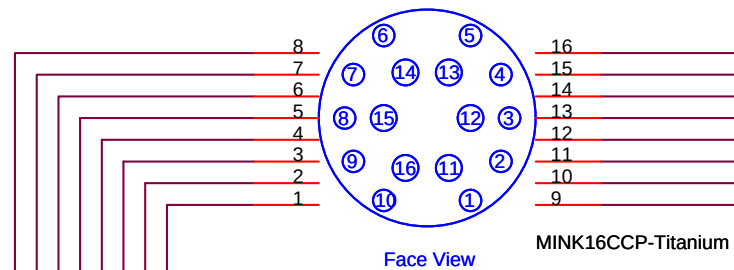
Connects to Gateway connection on Main Ball

P2

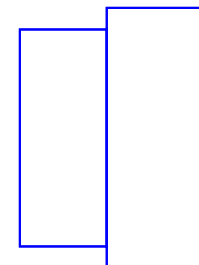


Connects to Gateway on Sample Can

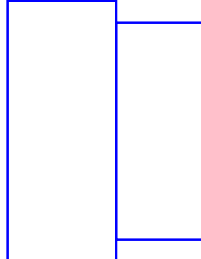
P1



P4
MINK-PSR

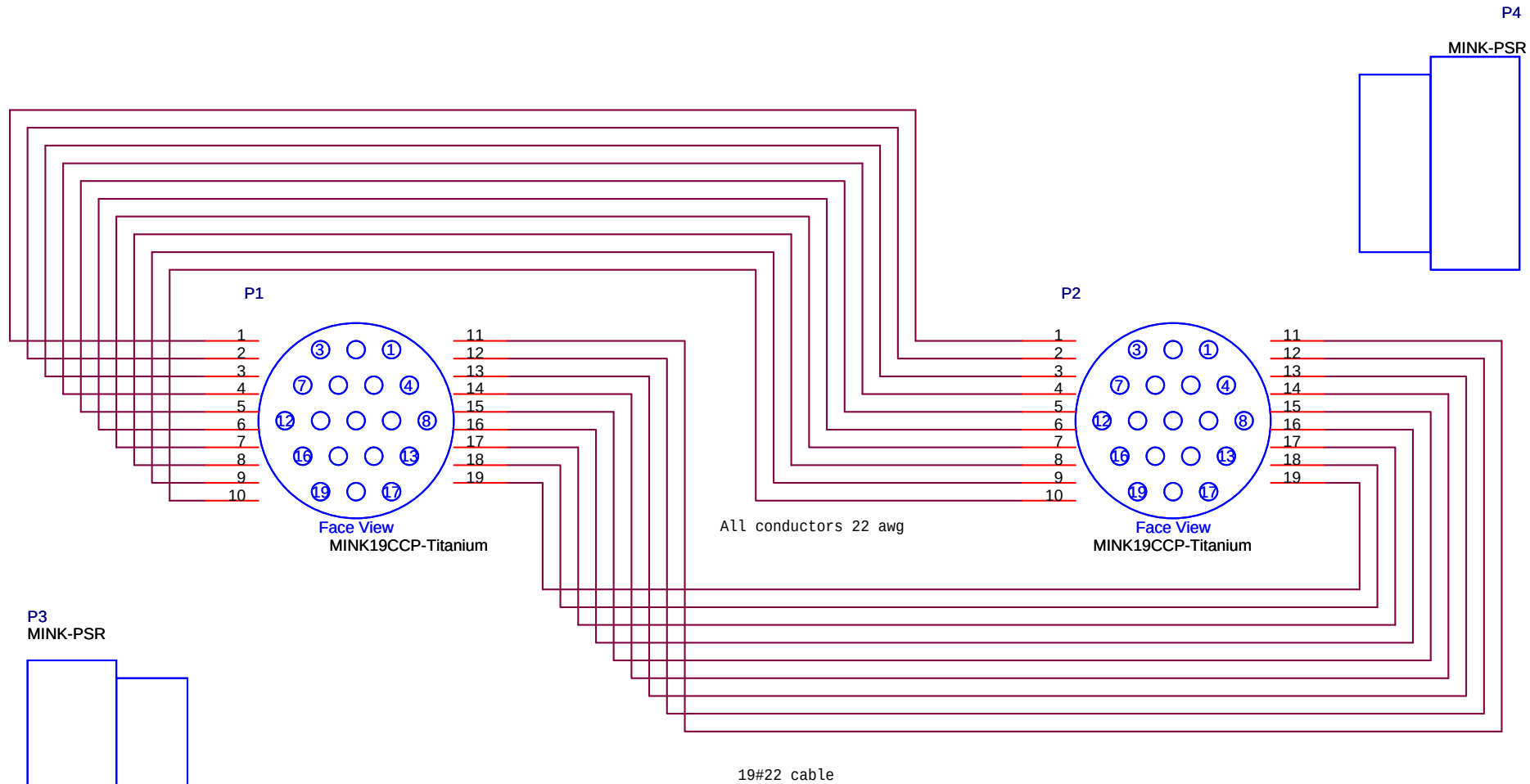
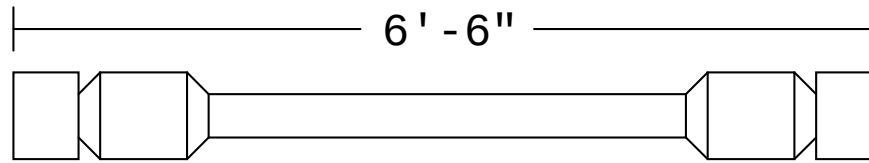


P3
MINK-PSR



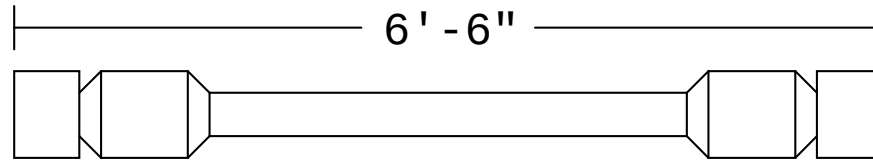
- 1 CTS From DWSM to ESP
- 2 TX From DWSM to ESP
- 3 RX From ESP to DWSM
- 4 RTS From ESP to DWSM
- 5 Gnd
- 11 +System 13.8
- 12 System Return

		Monterey Bay Aquarium Research Institute 7700 Sandhold Road, Moss Landing, CA 95039			
		Title ESP DWSM Gateway		Project ESP	
Engineer Stensen	Size A	Document Number <Doc>	Part Number CAB2	Project File DWSM4km	Rev 1.0
Designer <Designer>	Date: Thursday, February 05, 2009	Sheet 1		of 1	

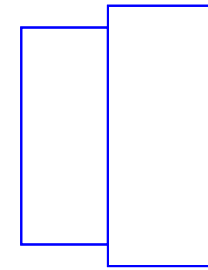


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Engineer Stensen		Size A	Document Number <Doc>	Title Pressure Exchange		Project ESP
Designer <Designer>		Date:	Thursday, January 22, 2009	Part Number CAB3	Project File DWSM4km	Rev 0.0
Sheet 1 of 1						

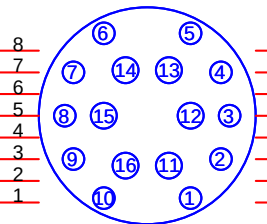


P4
MINK-PSR



To Resample Can

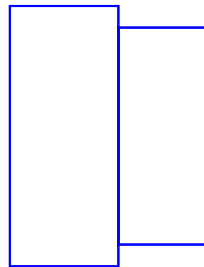
P1



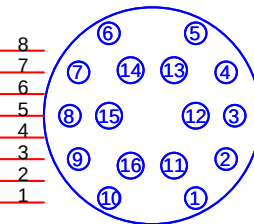
Face View
VMINK16CCP-Titanium

To Sample Can

P3
MINK-PSRL



P2



Face View
MINK16CCP-Titanium

19#22

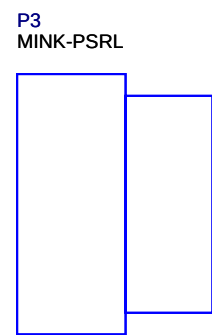
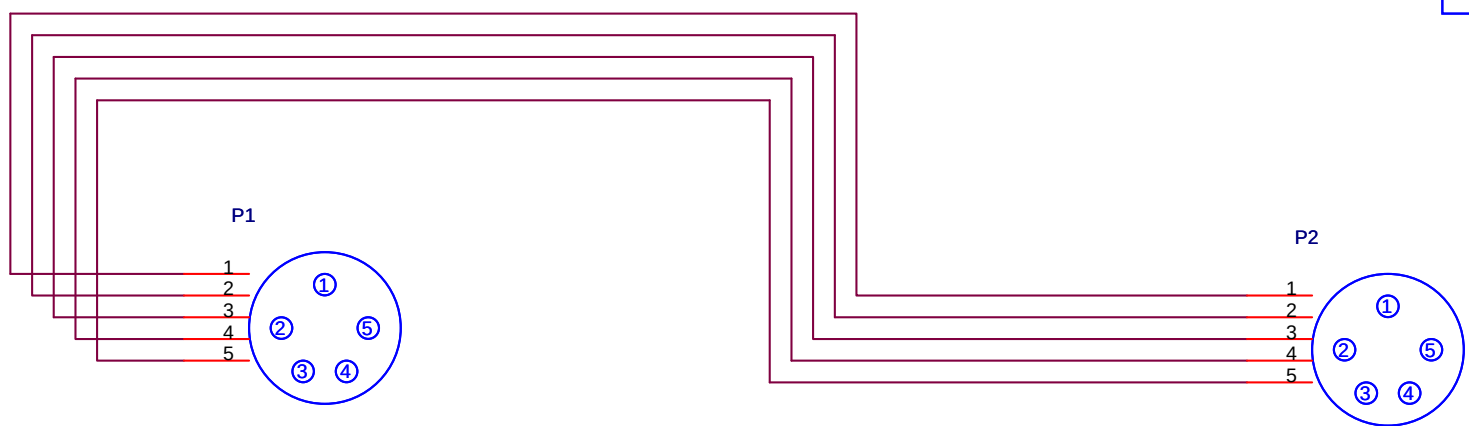
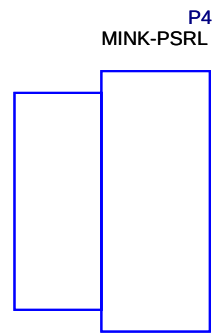
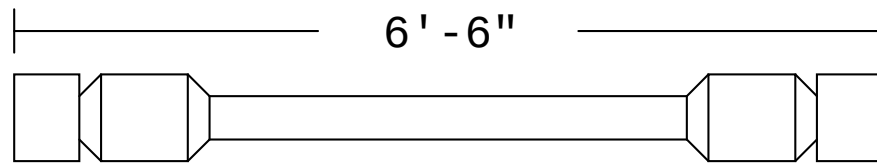


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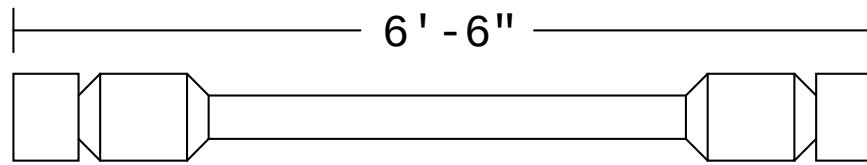
Title I2C Sample Resample		Project ESP	
Part Number CAB4	Project File DWSM4km		Rev 1.0

Engineer Stensen	Size A	Document Number <Doc>
Designer <Designer>	Date:	Thursday, February 05, 2009

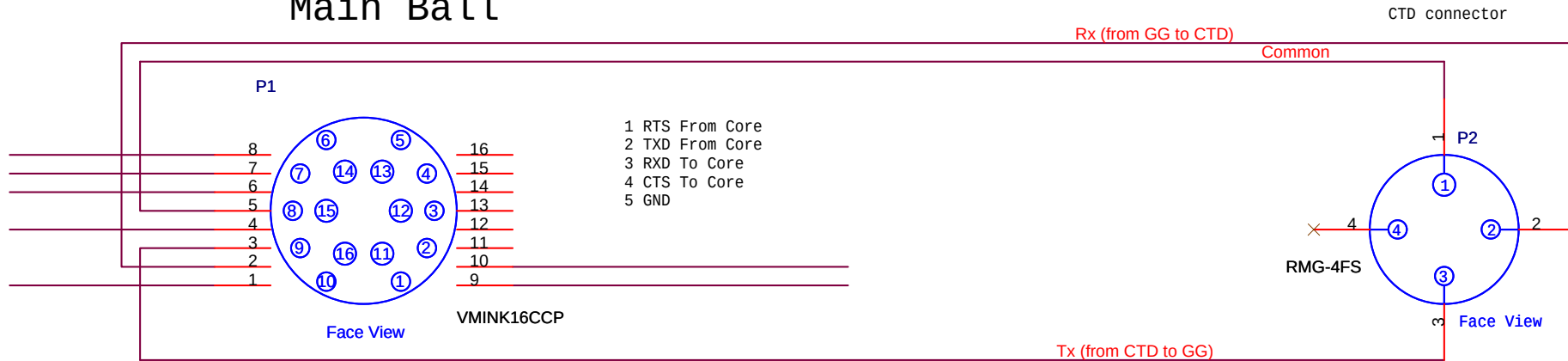
Sheet 1 of 1



		Monterey Bay Aquarium Research Institute 7700 Sandhold Road, Moss Landing, CA 95039			
		Title ESP DWSM Resample Power		Project ESP	
Engineer Stensen	Size A	Document Number <Doc>	Part Number CAB5	Project File DWSM4km	Rev 0.0
Designer <Designer>	Date: Thursday, January 22, 2009		Sheet 1 of 1		



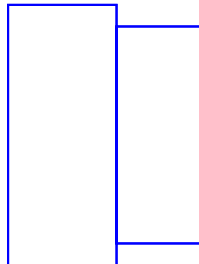
Main Ball



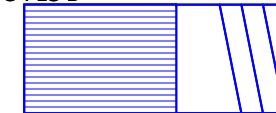
Terminate all cable conductors at P1 end

10#22

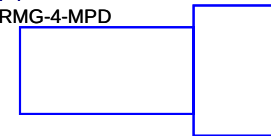
P3
MINK-PSR



P4
G-FLS-D



P4
RMG-4-MPD



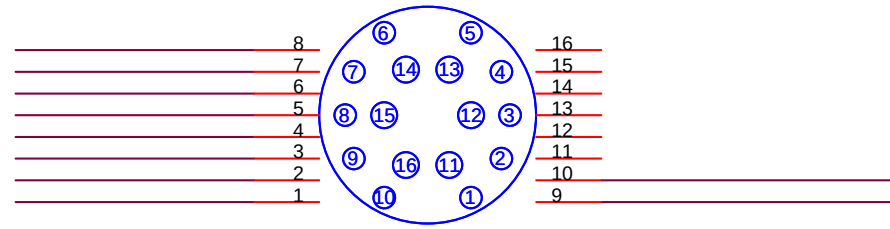
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Engineer Stensen	Size A	Document Number <Doc>	Part Number CAB6	Project File DWSM4km	Project ESP
Designer <Designer>	Date: Thursday, February 05, 2009	Sheet 1	of 1	Rev 1.0	

- 1 RTS From Core
- 2 TXD From Core
- 3 RXD To Core
- 4 CTS To Core
- 5 GND

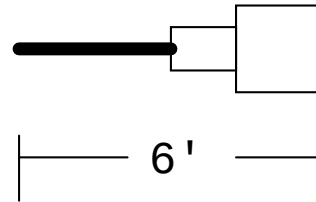
DSWM Main Ball

P9

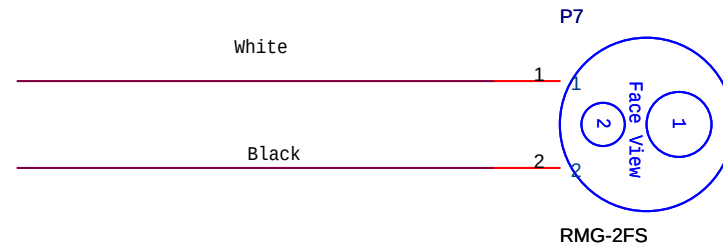


Terminate all
cable
conductors at
P1 end

10#22

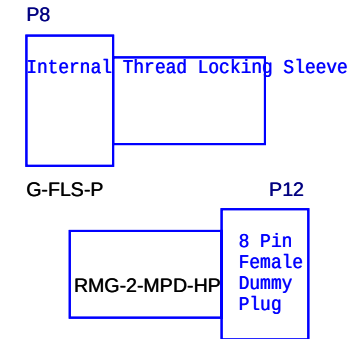
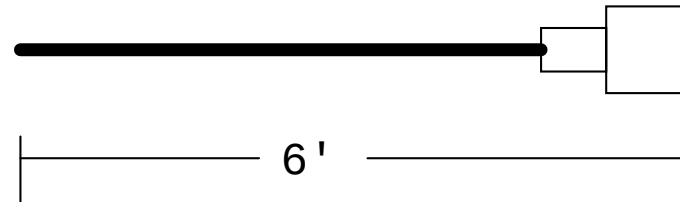


		Monterey Bay Aquarium Research Institute 7700 Sandhold Road, Moss Landing, CA 95039		
		Title Main Ball to ISUS Whip		Project ESP
Engineer Stensen	Size A	Document Number <Doc>	Part Number CAB7.1	Project File DWSM4km
Designer <Designer>	Date:	Thursday, February 05, 2009	Sheet	1 of 1



18/2 S0

ISUS battery connector



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		Title CAB7-2 Main Ball to ISUS Whip		Project ESP	
Engineer Slensen	Size A	Document Number <Doc>	Part Number CAB7.2	Project File DWSM4km	Rev 1.0
Designer <Designer>	Date: Thursday, February 05, 2009		Sheet 1 of 1		