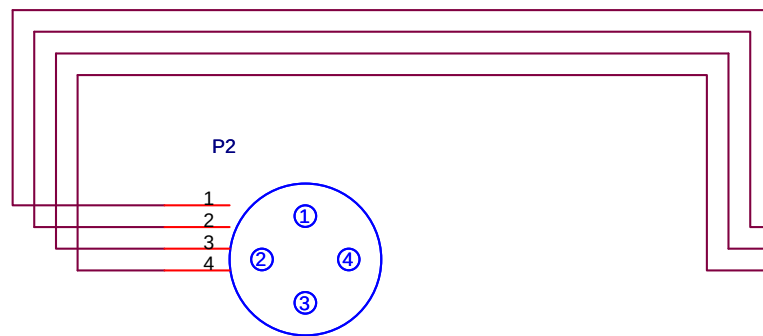


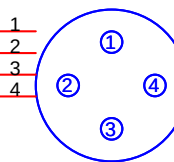
All conductors 12 awg



MINK4CCPL-Titanium

12/4 S0

P1



MINK4CCPL-Titanium

P4  
MINK-PSRL

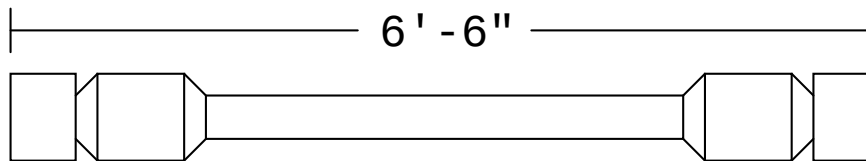
P3  
MINK-PSRL



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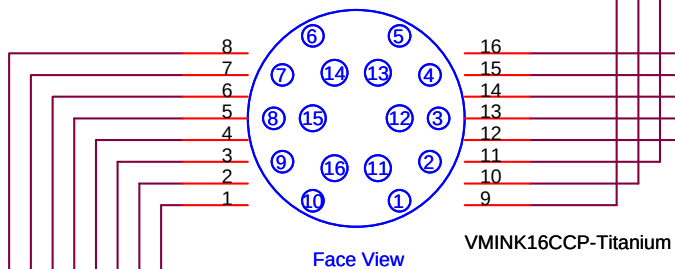
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|----------------------------|--|-----------------------------------|--------------------------|-------------------------------|-------------------------|----------------|--|
| Engineer<br><b>Stensen</b> |  | Size<br>A                         | Document Number<br><Doc> | Title<br><b>Battery Cable</b> |                         | Project<br>ESP |  |
| Designer<br><Designer>     |  | Date: Wednesday, January 21, 2009 |                          | Part Number<br><b>CAB1</b>    | Project File<br>DWSM4km | Rev<br>0.0     |  |

Sheet 1 of 1



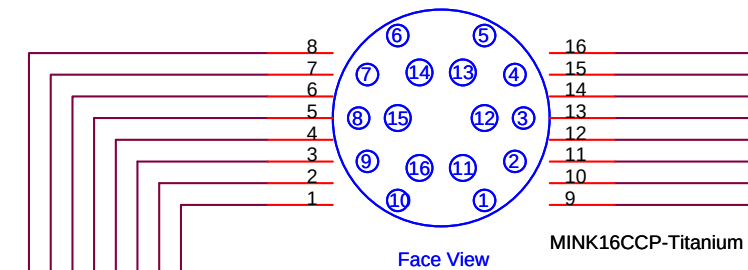
Connects to Gateway connection on Main Ball

P2

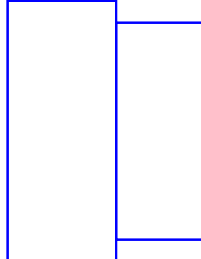


Connects to Gateway on Sample Can

P1

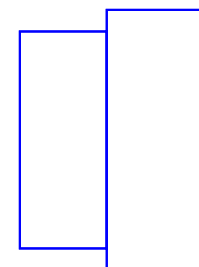


P3  
MINK-PSR



- 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

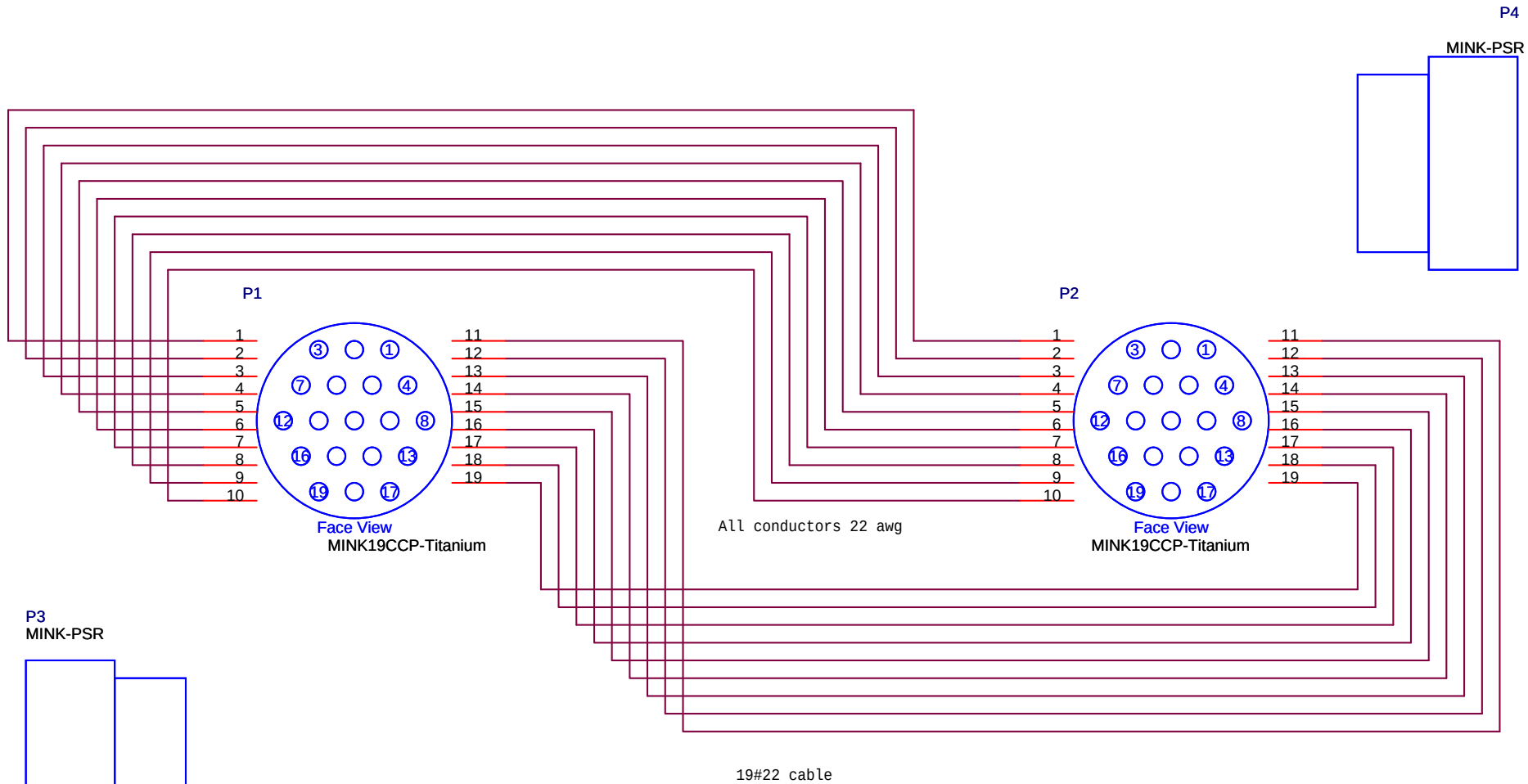
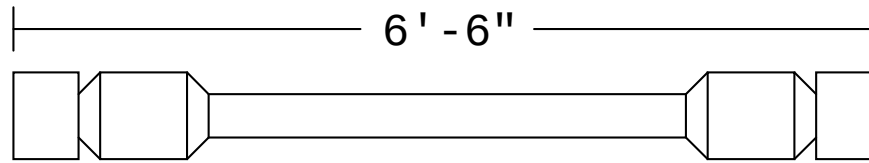
P4  
MINK-PSR



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|                            |  |           |                            |                                  |                         |                       |  |
|----------------------------|--|-----------|----------------------------|----------------------------------|-------------------------|-----------------------|--|
| Engineer<br><b>Stensen</b> |  | Size<br>A | Document Number<br><Doc>   | Title<br><b>ESP DWSM Gateway</b> |                         | Project<br><b>ESP</b> |  |
| Designer<br><Designer>     |  | Date:     | Thursday, January 22, 2009 | Part Number<br><b>CAB2</b>       | Project File<br>DWSM4km | Rev<br><b>0.0</b>     |  |

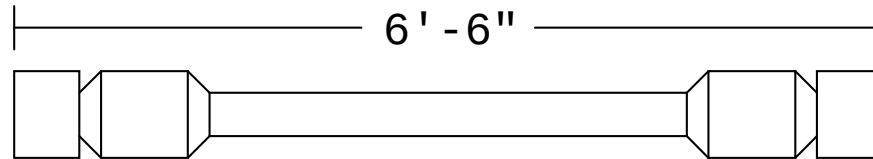
Sheet 1 of 1



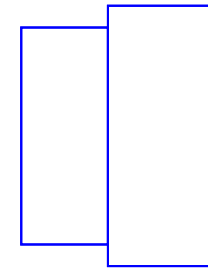
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|                            |  |           |                            |                                   |                         |                   |  |
|----------------------------|--|-----------|----------------------------|-----------------------------------|-------------------------|-------------------|--|
| Engineer<br><b>Stensen</b> |  | Size<br>A | Document Number<br><Doc>   | Title<br><b>Pressure Exchange</b> |                         | Project<br>ESP    |  |
| Designer<br><Designer>     |  | Date:     | Thursday, January 22, 2009 | Part Number<br><b>CAB3</b>        | Project File<br>DWSM4km | Rev<br><b>0.0</b> |  |

Sheet 1 of 1

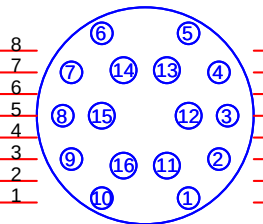


P4  
MINK-PSR



To Resample Can

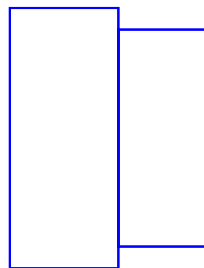
P1



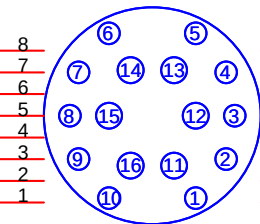
Face View  
VMINK16CCP-Titanium

To Sample Can

P3  
MINK-PSRL



P2



Face View  
MINK16CCP-Titanium

18awg wires

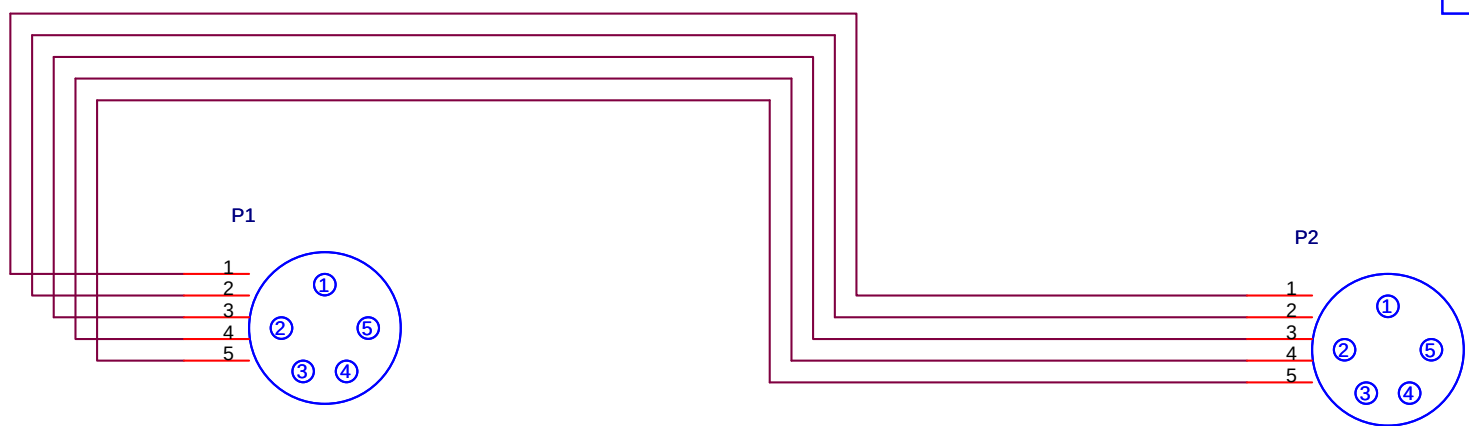
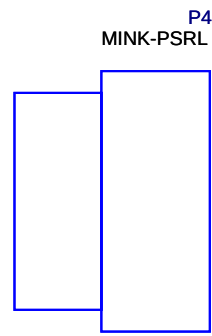
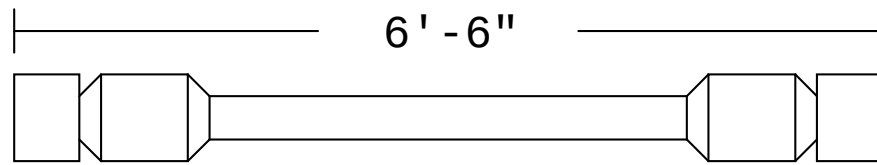
18/16 S0



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|                     |              |         |     |
|---------------------|--------------|---------|-----|
| Title               |              | Project |     |
| I2C Sample Resample |              | ESP     |     |
| Part Number         | Project File |         | Rev |
| CAB4                | DWSM4km      |         | 0.0 |
| Rev 22, 2009        | Sheet 1 of 1 |         |     |

|                            |                                         |                          |
|----------------------------|-----------------------------------------|--------------------------|
| Engineer<br><b>Stensen</b> | Size<br>A                               | Document Number<br><Doc> |
| Designer<br><Designer>     | Date: <b>Thursday, January 22, 2009</b> |                          |



P1

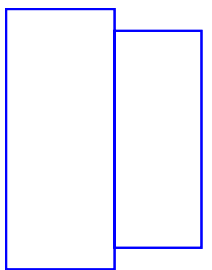
P2

MINK5CCPL-Titanium

MINK5CCPL-Titanium

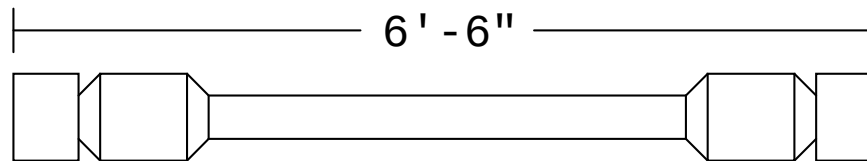
16/5 S0

P3  
MINK-PSRL

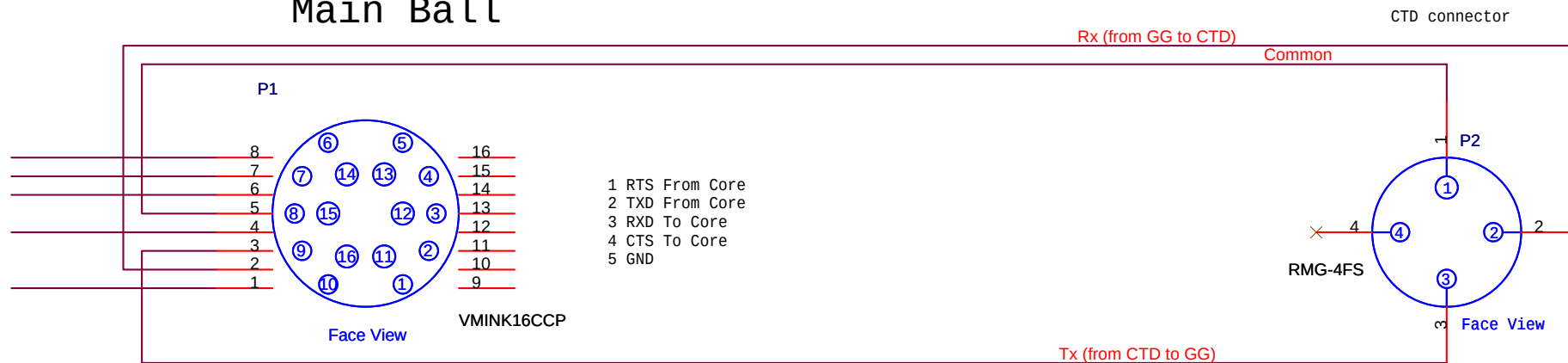


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|----------------------------|--|-----------|----------------------------|-----------------------------------------|-------------------------|-----------------------|--|
| Engineer<br><b>Stensen</b> |  | Size<br>A | Document Number<br><Doc>   | Title<br><b>ESP DWSM Resample Power</b> |                         | Project<br><b>ESP</b> |  |
| Designer<br><Designer>     |  | Date:     | Thursday, January 22, 2009 | Part Number<br><b>CAB5</b>              | Project File<br>DWSM4km | Rev<br><b>0.0</b>     |  |
| Sheet 1 of 1               |  |           |                            |                                         |                         |                       |  |

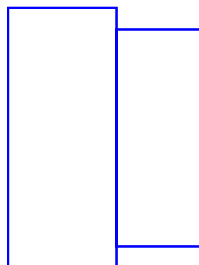


## Main Ball



Terminate all  
cable  
conductors at  
P1 end

P3  
MINK-PSR

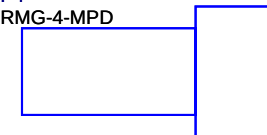


18/8 S0  
8-conductor and 18 Awg wire  
S0 jacketed cable

P4  
G-FLS-D



P4  
RMG-4-MPD



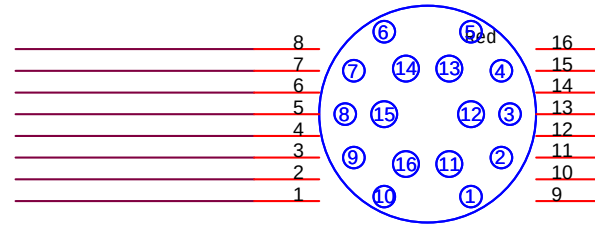
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|                            |                                     |                          |                            |                         |                |
|----------------------------|-------------------------------------|--------------------------|----------------------------|-------------------------|----------------|
| Engineer<br><b>Stensen</b> | Size<br>A                           | Document Number<br><Doc> | Part Number<br><b>CAB6</b> | Project File<br>DWSM4km | Project<br>ESP |
| Designer<br><Designer>     | Date:<br>Thursday, January 22, 2009 | Rev<br>0.0               | Sheet<br>1                 | of<br>1                 |                |

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

DSWM Main Ball

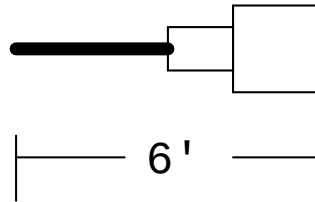
P9



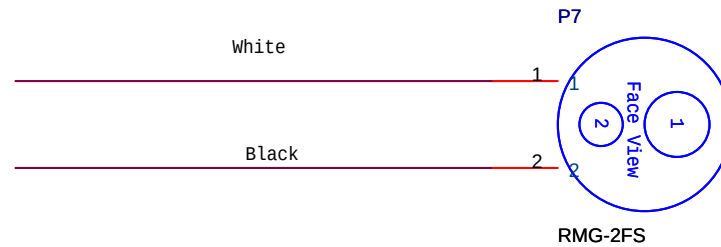
VMINK16CCP

Terminate all  
cable  
conductors at  
P1 end

18/8 S0  
8-conductor and 18 Awg wire  
S0 jacketed cable

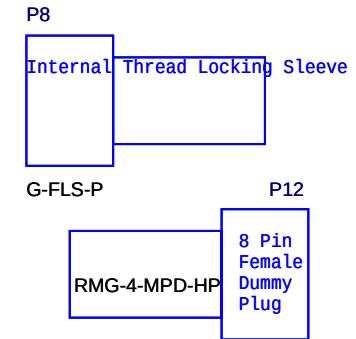
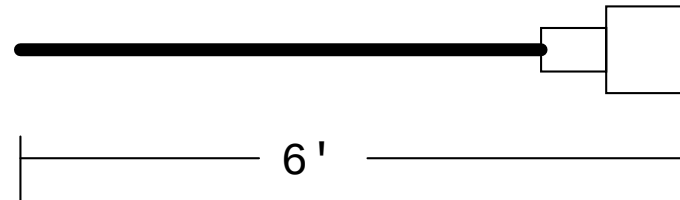


|                                                                                       |                                                                                               |                          |                              |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------------|------------------------------|
|  | <b>Monterey Bay Aquarium Research Institute</b><br>7700 Sandhold Road, Moss Landing, CA 95039 |                          |                              |
|                                                                                       | Title<br><b>Main Ball to ISUS Whip</b>                                                        |                          | Project<br>ESP               |
| Engineer<br><b>Stensen</b>                                                            | Size<br>A                                                                                     | Document Number<br><Doc> | Part Number<br><b>CAB7.1</b> |
| Designer<br><Designer>                                                                | Date:<br>Thursday, January 22, 2009                                                           | Project File<br>DWSM4km  | Rev<br>0.0                   |
| Sheet 1 of 1                                                                          |                                                                                               |                          |                              |



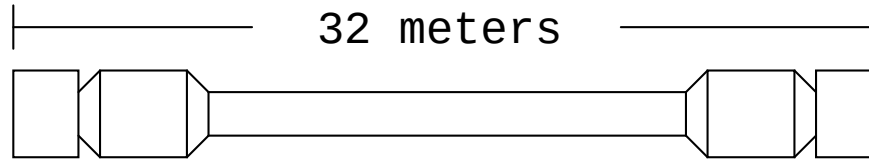
18/2 S0

ISUS battery connector



|                                                                                       |  |  |                                                                                               |                                |                       |
|---------------------------------------------------------------------------------------|--|--|-----------------------------------------------------------------------------------------------|--------------------------------|-----------------------|
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| <b>Engineer</b><br>Stensen                                                            |  |  | <b>Title</b><br><b>CAB7-2 Main Ball to ISUS Whip</b>                                          |                                | <b>Project</b><br>ESP |
| <b>Designer</b><br><Designer>                                                         |  |  | <b>Part Number</b><br>CAB7.2                                                                  | <b>Project File</b><br>DWSM4km | <b>Rev</b><br>0.0     |
| <b>Date:</b> Thursday, January 22, 2009                                               |  |  | <b>Sheet</b> 1 <b>of</b> 1                                                                    |                                |                       |

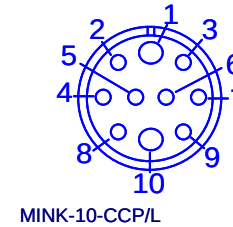




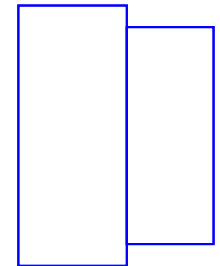
ODI 12 Way  
Connector

32 Meter Cable (Orange)  
Falmat PN# FM122203-1CP Rev A

MINK-10-CCP/L



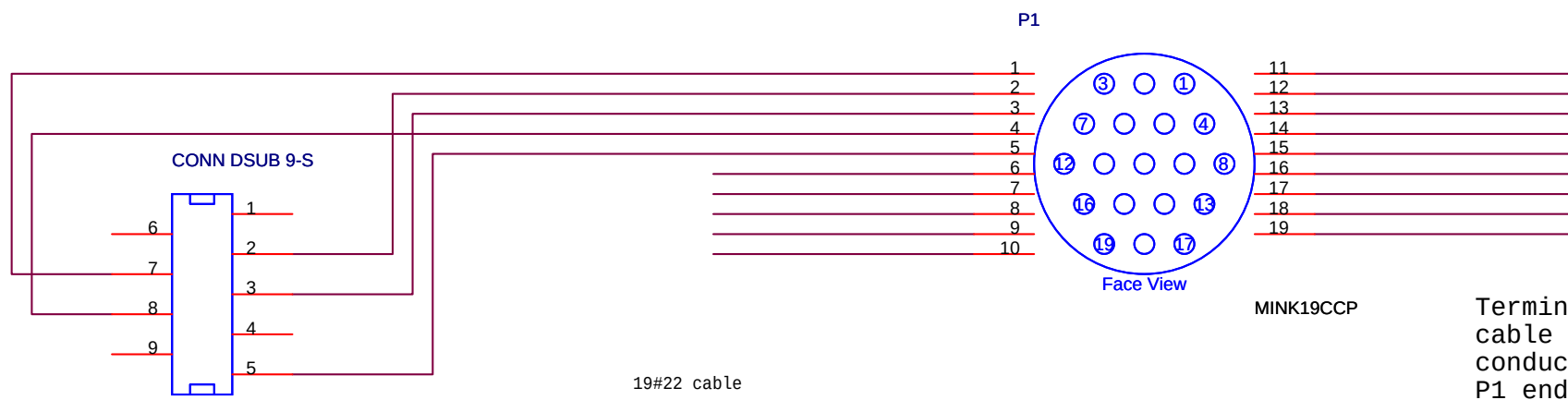
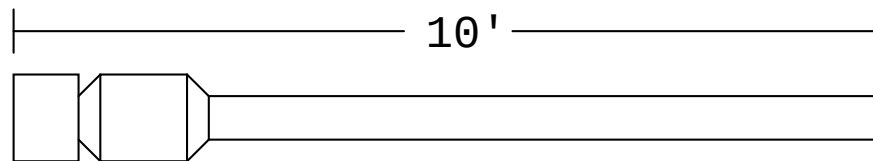
P3  
MINK-PSRL



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|                            |  |                                     |                          |                                    |                         |                       |  |
|----------------------------|--|-------------------------------------|--------------------------|------------------------------------|-------------------------|-----------------------|--|
| Engineer<br><b>Stensen</b> |  | Size<br>A                           | Document Number<br><Doc> | Title<br><b>Platform Interface</b> |                         | Project<br><b>ESP</b> |  |
| Designer<br><Designer>     |  | Date:<br>Thursday, January 22, 2009 |                          | Part Number<br><b>CAB8</b>         | Project File<br>DWSM4km | Rev<br><b>0.0</b>     |  |

Sheet 1 of 1



P3  
MINK-PSR



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|                            |  |           |                            |                            |                         |                       |  |
|----------------------------|--|-----------|----------------------------|----------------------------|-------------------------|-----------------------|--|
| Engineer<br><b>Stensen</b> |  | Size<br>A | Document Number<br><Doc>   | Title<br><b>Console</b>    |                         | Project<br><b>ESP</b> |  |
| Designer<br><Designer>     |  | Date:     | Thursday, January 22, 2009 | Part Number<br><b>CAB9</b> | Project File<br>DWSM4km | Rev<br><b>0.0</b>     |  |
| Sheet 1 of 1               |  |           |                            |                            |                         |                       |  |