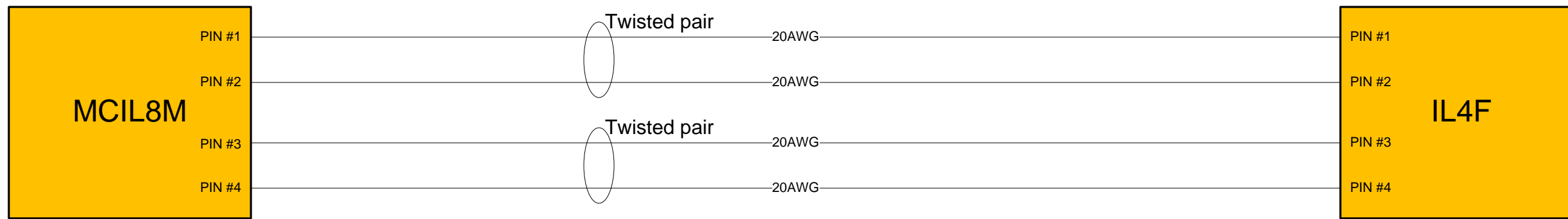


	AZURA @ Kaneohe Bay, NREL MOIS System			
	Instruments and Mounting Locations			
	SIZE	FSCM NO	DWG NO	REV
NREL	SCALE	N/A	11/18/2013 SHEET	1 OF 7



PINS #5-#8 not connected

2 cables at 70'
2 cables at 85'

Polyurethane outer jacket, PVC or Teflon wire insulation

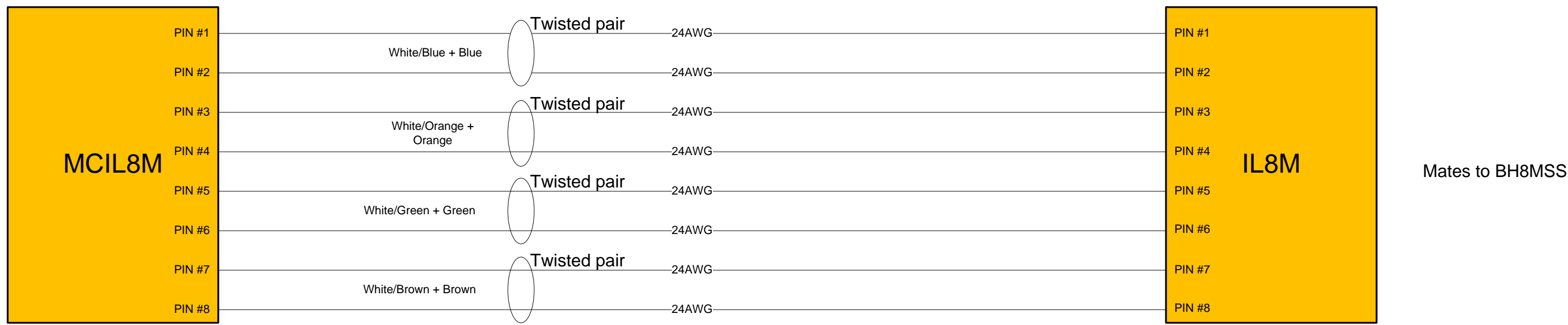
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="background-color: #00aaff; color: white; padding: 2px; margin-bottom: 2px;">Ethernet</div> <div style="background-color: #90ee90; color: black; padding: 2px; margin-bottom: 2px;">RS232 Serial</div> <div style="background-color: #ffa500; color: black; padding: 2px;">Analog</div> </div>	MOIS @ Kaneohe Bay, NREL System			
	Load cell cable			
	SIZE	FSCM NO	DWG NO	REV
National Renewable Energy Laboratory	SCALE	N/A	11/18/2013	SHEET 2 OF 7



Cable Type P4TSP20#

Cable length 10(ft)

<table border="1"> <tr><td>Ethernet</td></tr> <tr><td>RS232 Serial</td></tr> <tr><td>Analog</td></tr> </table>	Ethernet	RS232 Serial	Analog	MOIS @ Kaneohe Bay, NREL System			
	Ethernet						
RS232 Serial							
Analog							
Ethernet and Power Cable							
	SIZE	FSCM NO	DWG NO	REV			
National Renewable Energy Laboratory	SCALE	N/A	11/18/2013	SHEET 3 OF 7			



Subconn Power / Ethernet Cable, Type D/P-P4TP24#/4C18# OR equivalent without the power conductors

Cable length 9(ft)

<table border="1"> <tr><td>Ethernet</td></tr> <tr><td>RS232 Serial</td></tr> <tr><td>Analog</td></tr> </table>	Ethernet	RS232 Serial	Analog	MOIS @ Kaneohe Bay, NREL System			
	Ethernet						
RS232 Serial							
Analog							
WetNzAnalog Signals Cable							
	SIZE	FSCM NO	DWG NO	REV			
National Renewable Energy Laboratory	SCALE	N/A	11/18/2013	SHEET 4 OF 7			

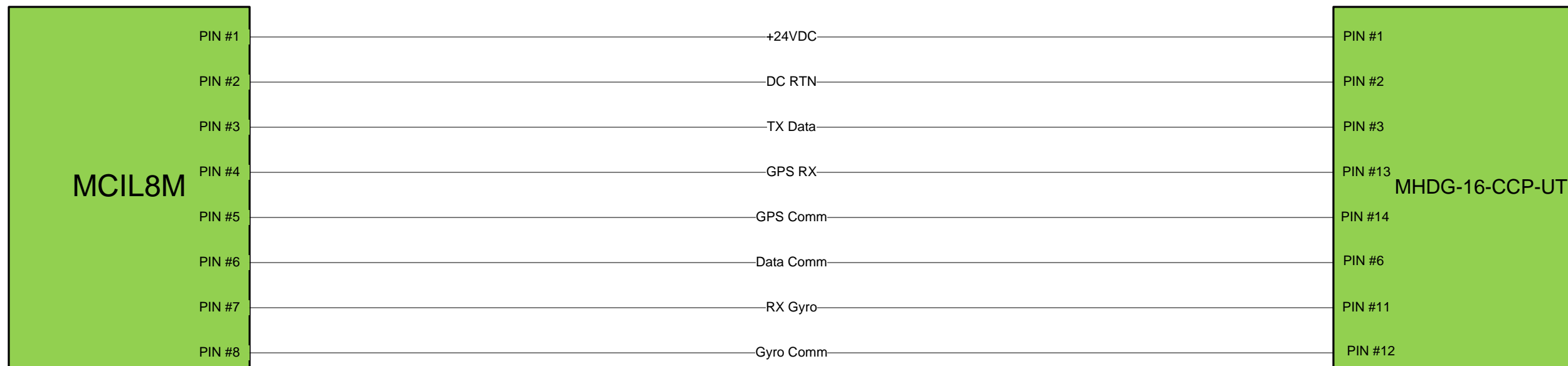
Both sides mate to
MCHBRAf



Subconn Power / Ethernet Cable, Type D/P-P4TP24#/4C18# OR equivalent without the power conductors

Cable length 13(ft)

<div style="display: flex; flex-direction: column; align-items: center;"> <div style="background-color: #00aaff; color: white; padding: 2px; margin-bottom: 2px;">Ethernet</div> <div style="background-color: #90ee90; color: black; padding: 2px; margin-bottom: 2px;">RS232 Serial</div> <div style="background-color: #ffa500; color: black; padding: 2px;">Analog</div> </div>	MOIS @ Kaneohe Bay, NREL System			
	GPS Compass Cable			
	SIZE	FSCM NO	DWG NO	REV
National Renewable Energy Laboratory	SCALE	N/A	11/18/2013	SHEET 5 OF 7

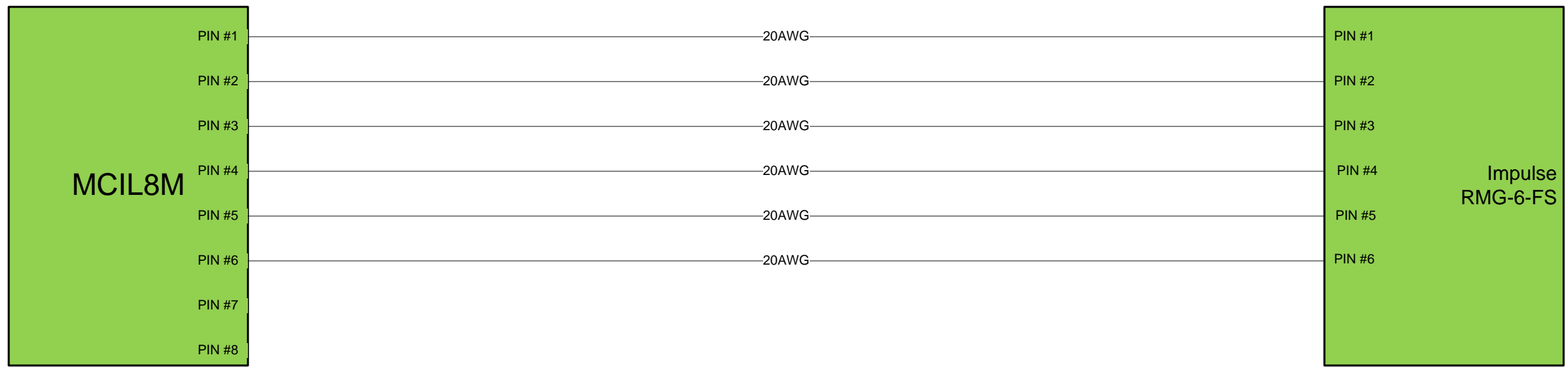


Supplied Teledyne TSS DMS-05 cable. Jacket is polyurethane /w a cable diameter of 0.5". Cable will be sent cut at 20ft in length and already has the MHDG-16-CCP-UT installed on one end.

Cable length 16(ft)

All unassigned pins not connected

	MOIS @ Kaneohe Bay, NREL System			
	TSS-DMS05 (MRU) Cable			
	SIZE	FSCM NO	DWG NO	REV
National Renewable Energy Laboratory	SCALE	N/A	11/18/2013	SHEET 6 OF 7



All unassigned pins not connected

Polyurethane jacket.

Cable length 80(ft)

	MOIS @ Kaneohe Bay, NREL System			
	PSA 916 (Depth) Cable			
	SIZE	FSCM NO	DWG NO	REV
National Renewable Energy Laboratory	SCALE	N/A	11/18/2013	SHEET 7 OF 7