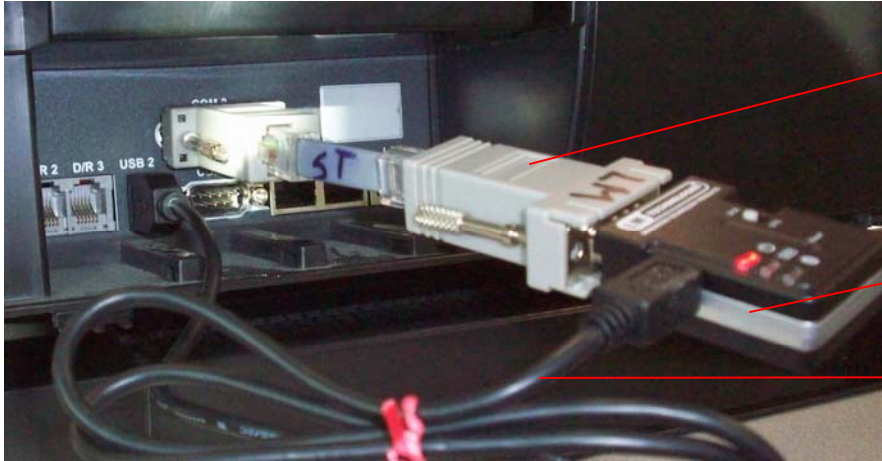# Special Instructions for SPS-500 LM048 Installations

SPS-500 Connection if the LM048 is before v6.53

The Mini USB power cable must be used because there is insufficient 5v power from pin 9 of the serial port to run the LM048. Configure a Special Adaptor as described on the following page. Connect the female end of the special adaptor to com port #2 of the ECR. Connect the male end to the LM048 device as shown in the photo below.
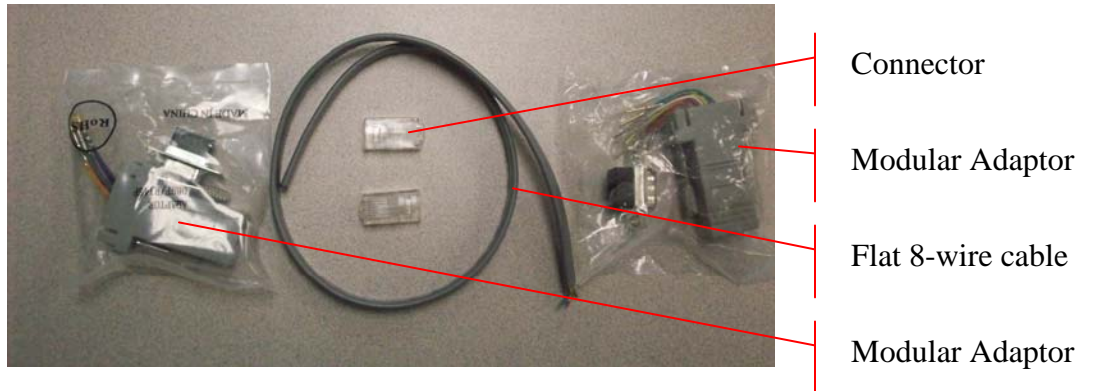

Special Adaptor

LM048 Device

USB Power Cable (Included)

Special Adaptor Construction

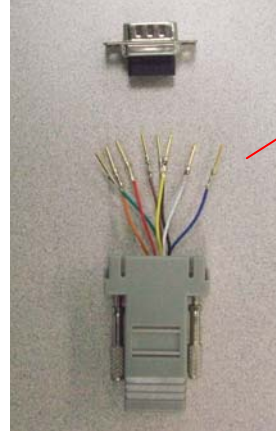*Note: Contact CRS Technical Support if assistance is needed.*

Parts Required:

Qty	Description	CRS P/N
1	Modular Adaptor DB9 to RJ45 Female	202769
1	Modular Adaptor DB9 to RJ45 Male	202763
2-4"	8-wire Flat Cable (stranded or solid)	
2-	RJ45 Connector (for stranded wire cable) or,	202896
	RJ45 Connector (for solid wire cable)	202894

Connector

Modular Adaptor

Flat 8-wire cable

Modular Adaptor

Adaptor Pin-Out (for both ends)

Color	Pin
Orange	2
Black	3
Red	4
Green	5
Yellow	6
White	8
Blue	Clip off
Brown	Clip off

Insert wires into correct pins as described in the table. Pin numbers are engraved on the back of the connector.

Finished Adaptor

Female

Male