

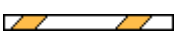

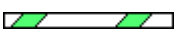

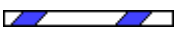

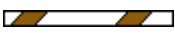

Parts Required

Qty	Desc	PN	Source
0.5	CAT.5e UTP 3'	201697CH	Jameco
1	MOLEX CONN 2MM 10POS	WM18045-ND	Digi-Key
5	MOLEX TERM FEMALE 24-30AWG	WM1128CT-ND	Digi-Key

Procedure

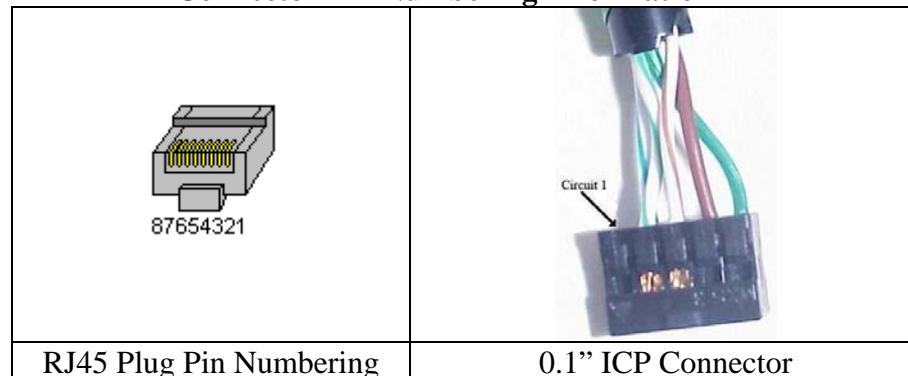
1. Cut the Ethernet cable in half
2. Strip the wires required to the crimp pin (0.125")
3. Crimp the 5 pins on the wires specified in the pinout table using Molex Crimp Tool # 11-01-0204, Slot B (for 28-30AWG wire)
4. Insert the pins into the 0.1" ICP Connector Housing
5. Verify pin connectivity
6. Affix label with cable part number. See Figure 1 for correct label position.

Cable Pinout

RJ45 Plug Pin	RJ45 Wire Color	ICP Signals	ICP Conn Pin
1	White/Orange 	N/C	N/C
2	Orange 	N/C	N/C
3	White/Green 	GND	3
4	Blue 	N/C	N/C
5	White/Blue 	VCC	4
6	Green 	RST-	10
7	White/Brown 	PCL	5
8	Brown 	PDA	8

Note: Wire color MAY vary, wire color used in the table above is assuming T568B standard, straight-through cable – verify pin-to-pin connectivity.

Connector Pin Numbering Information



FDI

USB – ICP LPC9XX
RJ45 ICP Cable Document
Rev 2

FDI



Figure 1