

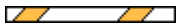

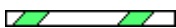



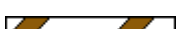

Parts Required

Qty	Desc	PN	Source
0.5	CAT.5e UTP 3'	302041	Jameco
1	CONNECTOR, 0.1", 1RW, 6PIN HSGS	103211CH	Jameco
6	CONNECTOR, PIN, FEM, POST TIN	100765CH	Jameco

Procedure

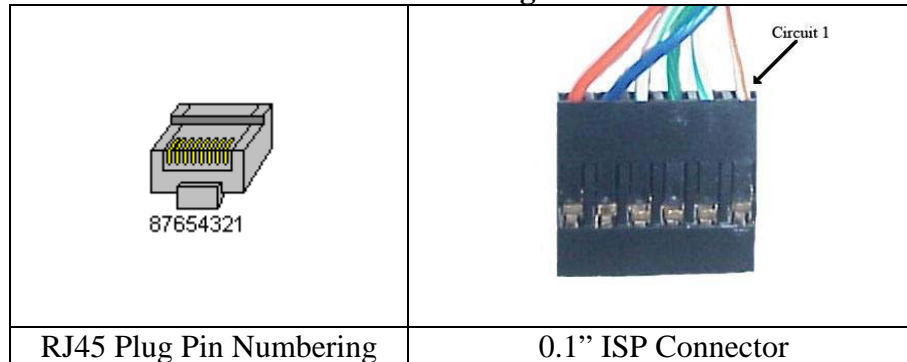
1. Cut the Ethernet cable in half
2. Strip the wires required to the crimp pin (0.125")
3. Crimp the 6 pins on the wires specified in the pinout table using Molex Crimp Tool # PA 1645, slot for 24-30AWG wire
4. Insert the pins into the 0.1" ISP Connector Housing
5. Verify pin connectivity
6. Affix label with cable part number. See Figure 1 for correct label position.

Cable Pinout

RJ45 Plug Pin	RJ45 Wire Color		ISP Signals	ISP Conn Pin
1	White/Orange		VCC	1
2	Orange		TXD	6
3	White/Green		GND	4
4	Blue		RXD	5
5	White/Blue		RESET	2
6	Green		PSEN-	3
7	White/Brown		N/C	N/C
8	Brown		N/C	N/C

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-80C51ISP
RJ45 ISP Cable Document
Rev 3

FDI



Figure 1