RJ45 Bottom
Looking at Gold Pins

PIN 1   PIN 8

DB9 Female Front

5 4 3 2 1
9 8 7 6

DB9 Female Rear Solder Cup

1 2 3 4 5
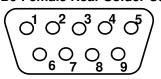6 7 8 9

T568B Wiring
CAT5/5E 4 Pair

PIN	COLOR CODE	SIGNAL
1	WHITE/ORANGE	T2
2	ORANGE	R2
3	WHITE/GREEN	T3
4	BLUE	R1
5	WHITE/BLUE	T1
6	GREEN	R3
7	WHITE/BROWN	T4
8	BROWN	R4

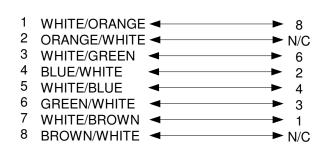**If possible, use an existing spare/scrap Ethernet patch cable and cut off one end.
Otherwise crimp a RJ45 connector onto a Cat 5, 4 pair cable using T568B Standard.
Solder open end into a DB9 Female as follows.**

RJ45   DB9 Female

RJ45		DB9 Female
1	WHITE/ORANGE ◄─────►	8
2	ORANGE/WHITE ◄─────►	N/C
3	WHITE/GREEN ◄─────►	6
4	BLUE/WHITE ◄─────►	2
5	WHITE/BLUE ◄─────►	4
6	GREEN/WHITE ◄─────►	3
7	WHITE/BROWN ◄─────►	1
8	BROWN/WHITE ◄─────►	N/C

Add DB9 Connector Shell

Date	Revision/Addition/ Note	by
Oct 16 , 2008	Inital Drawing	GSC

Drawn By: **Gerald Crenshaw WD4BIS**	Date: **Oct 16 , 2008**	From the bench of: **Amateur Radio Station WD4BIS**	Page 1
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Checked By: **Janet Crenshaw WB9ZPH**	Date: **Oct 16 , 2008**	Title: **Motorola CEB/ACIM Programing Cable**	