BCM Radio to Arcom RC-210

Cable used: Belden 9537

Color	Function	BCM Radio	RC-210
Black	GND	15	8
Orange	COS Out	10	Q1 Base
White	Rx Discrim Out	9	5
Blue	Tx Audio In	5 – 6.8K-10K	4
Red	+5V from Radio	12	1.2 K -> Pin 7
Green	Not used		
Brown	PTT Input	8	3
Shield	Shield – GND	15	8

If assigned to PORT2 or 3, set PORT2 JP2 or PORT3 JP4 for Active HIGH.

RX Audio Jumper needs to be FLAT.

Cable wiring is as follows:

BCM Radio   **RC-210**

PIN 12 ——————— 5.0V ——————— RED ———————○

1.2K

Q1 ————————— Pin 7

PIN 10 ——————— COS Out ——————— ORANGE ——————— NPN

PIN 8

6.8K to 10K

PIN 5 —/\/\/\— BLUE ——————— PIN 4

BROWN   PTT OUT
PIN 8 ——————————————————————————— PIN 3

WHITE   FLAT RX AUDIO IN
PIN 9 ——————————————————————————— PIN 5

BLACK   GND
PIN 15 ————————————————————————— PIN 8
SHIELD