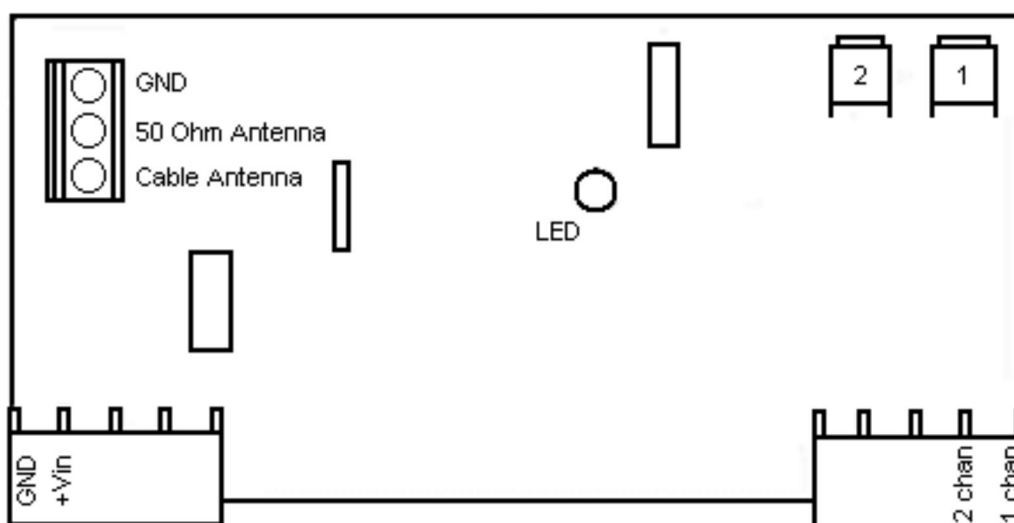


|                               |                                                                                       |            |         |               |
|-------------------------------|---------------------------------------------------------------------------------------|------------|---------|---------------|
| Summary                       | Installing Coaxial Cable Extension for the Radio Receiver Card                        |            |         |               |
| Products Affected             | System 3 and System 4 Controllers                                                     |            |         |               |
| Key Word Tags                 | Coaxial, Radio Receiver, Antenna                                                      |            |         |               |
| Tools/Equipment (If Required) | Terminal Block Flat Blade Screw Driver, Drill, Uni-Bit                                |            |         |               |
| Parts/Materials (If Required) | Coaxial Antenna Extension R00141027<br>AM Receiver Card (already installed) R00121045 |            |         |               |
| Related Media                 |                                                                                       |            |         |               |
| Author                        | Randy Meyer                                                                           | Issue Date | 4/19/12 | Status Active |

## Please Read The Entire Bulletin Before Proceeding

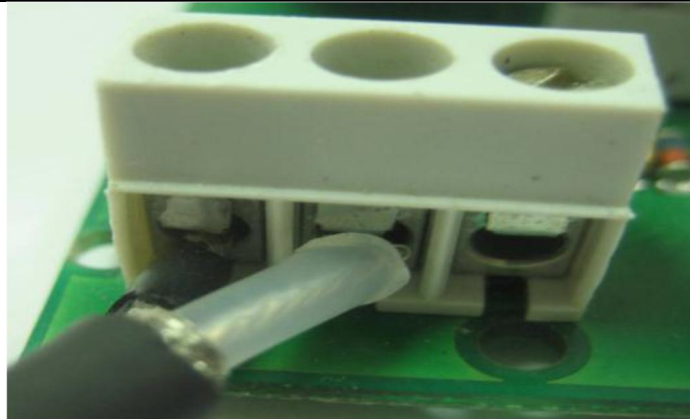
The following instructions are for the installation of the coaxial cable extension for the Rytec Radio Receiver Card. The coaxial extension may be necessary for extended range of the radio transmitters. The coaxial cable allows for the antenna to be located outside of the main control box allowing for greater range of the transmitters. Below is a drawing depicting the radio receiver plug-in card.



AM Receiver Card Part Number R00121045

When you received the plug in card, a yellow or green wire was in the box or installed into the radio receiver terminal on that card. That yellow or green wire was installed in the terminal block marked "Cable Antenna". Remove that wire from the terminal and discard.

The new coaxial cable extension will be installed into terminals "GND" (wire mesh) and "50 Ohm Antenna" (white plastic coated antenna). See the picture below.



The coaxial extension provides enough cable to extend the cable outside of the control panel. The coaxial extension is provided with a black plastic strain relief nut to secure the coaxial cable to the bottom of the control panel. See photograph below.



Coaxial Antenna Extension Part Number R00141027

If you are installing the radio receiver card for the first time you simply plug the radio receiver card into the control board in the right corner of the board. The controller will recognize the radio receiver board is installed; no changes to the system parameters will be necessary.

To program the radio receiver to receive the transmitter signals follow the steps below.

- 1) Push and hold the 2 black buttons on the radio receiver card for 10 seconds. This clears any codes stored in the receiver card.
- 2) Select just one of the black buttons. Push and release.
- 3) Push the transmitter button within 5 seconds of step 2.
- 4) When pushing the transmitter the display will read Radio channel 1 or 2. Depending on which black button you use during the programming step.

IMPORTANT NOTE: DO NOT SHORTEN OR CUT CABLE.

Please contact Rytec Customer Support at 1-800-628-1909 with any questions.