



- USE APPROPRIATE VALUE RESISTOR FOR CORRECT COLOR
- DO NOT ATTACH TO POWER WITHOUT RESISTOR INSTALLED OR DAMAGE WILL OCCUR

Code:

Green wire = **Green Anode**
Red wire = **Red Anode**
Yellow wire = **Yellow Anode**
 Black wire = Common Cathode

Your signal has been wired using common cathode configuration. Connect the black, (or common cathode), to the negative of your power supply. The three other wires connect to the anode of each color LED. Connect these leads to the positive terminal of your power supply.

The **Atlas Model RR Signal System** uses a positive 5 VDC to supply the anode of each LED. It uses a resistor value to provide the maximum visibility of the individual LED based on a 5 VDC input from our signal system. The system you choose to connect the signal to will need to have a resistor installed to ensure proper illumination. This value will vary depending on the voltage used by the system, i.e., 5VDC, 9VDC, 12VDC, etc.

NOTE: *Do not* connect the LEDs of the signal directly to a DC power source without adding the proper value resistor to limit current flow through the device. Failure to do so will harm the LED.