

Product Overview

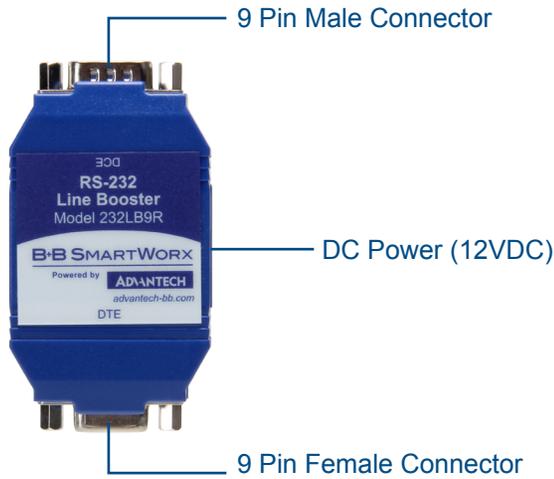


Figure 1: Signal Direction

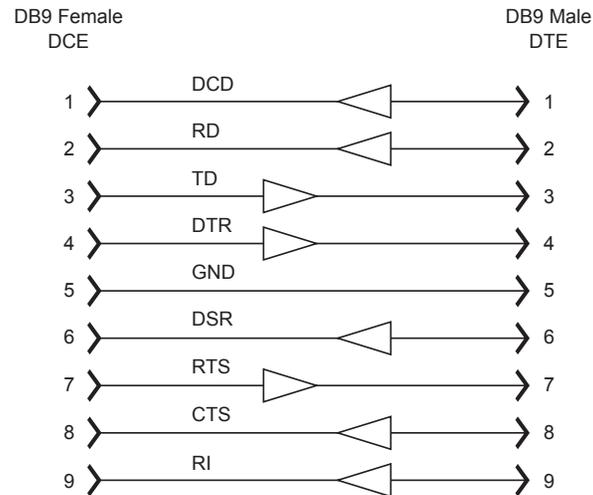
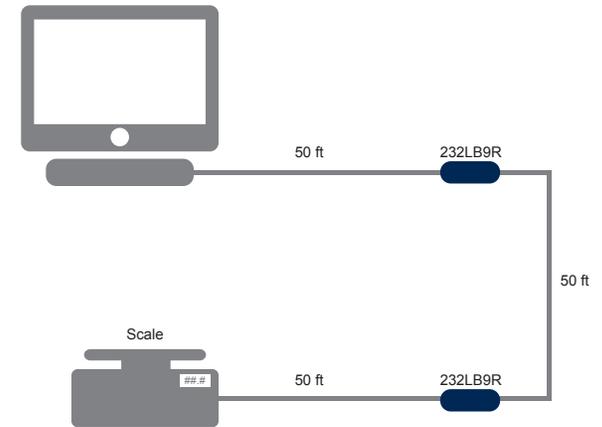


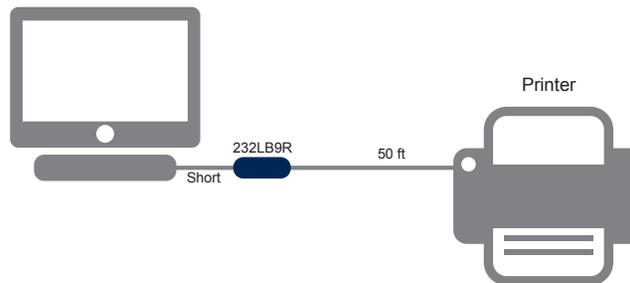
Figure 3: Lengthening Cable Runs



1 Installation

To amplify low-power ports using the 232LB9R, the converter is installed close to the low-powered port as shown in **Figure 2** and the other device is installed within the typical full-powered RS-232 length. To use as a line booster for extending an RS-232 cable run, the 232LB9R should be installed no more than 50 feet from any RS-232 transceiver in the system. For very long cable runs, two or more line boosters may be required for proper operation of the RS-232 interface as shown in **Figure 2**.

Figure 2: Boosting Low Power Ports



The 232LB9R must be installed so that the signals flow in the proper direction. **Figure 1** shows the direction of flow on each line. The female connector end is pinned out as DCE and connects directly to a standard COM port on a computer or any other DTE interface. The male connector is pinned out as DTE and connects to any DCE device such as a modem or another 232LB9R.



Recommended Accessories

9PAMF6

DB9 Male to Female 6ft Cable



SMi6-12-V-P230-C1

Power Supply



QUICK START GUIDE



232LB9R

9-Pin RS-232 Line Booster

Before you begin, be sure you have the following:

- + Model 232LB9R
- + Required but not included:
 - Power Supply
 - Serial Cables

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