RS-232 Line Booster
LB20

- Extending RS-232
- Data Rate 115.2 Kbps.
- DB 9 Connector

The **Line Booster LB20** is a RS-232 repeater that re- transmits all 8 signals and carries the ground line through. Many CE computers, Laptops, and some desktops ship with low-power versions of RS-232 port that are unable to drive port-powered devices or full - length RS-232 cabling.

The **LB20** can amplify these weak signals up to the RS-232 Standard for uses such as running port powered devices. It is also ideal for extending full-powered RS-232 cable runs beyond the typical 50 to 100 feet.

Specifications

Serial Interface
Serial Standards: TDB9 female for DCE side, DB9 male for DTE side
Data Rate: Up to 115.2 Kbps.
Power Requirements
Power Supply: 12 to 16 VDC max
Power Consumption
Standby: 40 mA

Environmental Limits
Operating Temperature: 0 to 55 °C
Operating Humidity: 5 to 95% RH
Storage Temperature: 0 to 70 °C
Physical Characteristics
Dimension: W117 x H65 x D23 mm.
Warranty
Warranty Period: 5 year

Ordering Information:
Example   LB20
Package Checklist
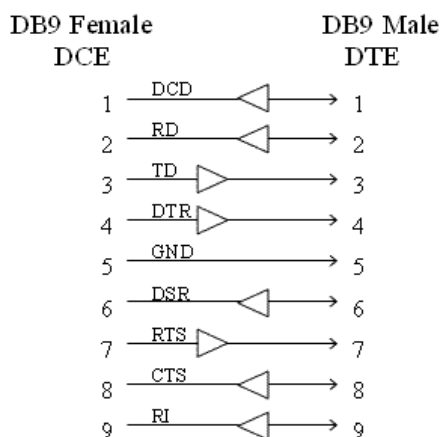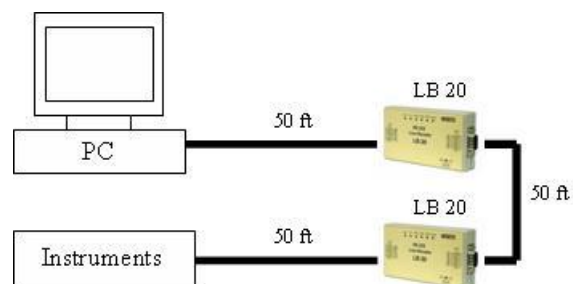1. LB20   2. RS-232 Cable   3. Adapter 12 VDC

Figure 1: Signal Direction

Figure 2:Lengthening Cable Runs