

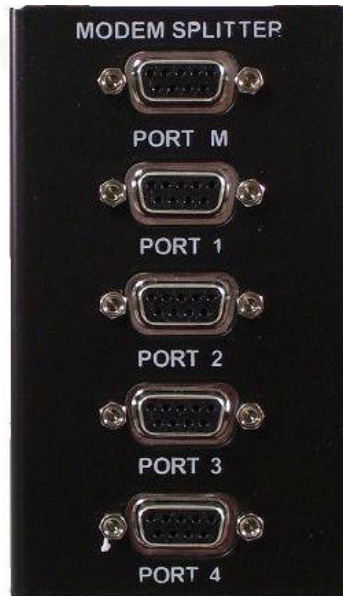


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**412.494.2800** **CAGE 1BGJ7**

October 2015  
Part Number: 5000848  
Lead Free: 6000848

## **DB9 MODEM SPLITTER**



# 1. Specifications

<b>Power:</b>	Non-powered - no power supply required
<b>Size:</b>	2.5"W x 4.3"L x 1.0"H
<b>Weight:</b>	6 oz
<b>MTBF</b>	>100,000 hours
<b>Altitude Tolerance</b>	Any
<b>Temperature Tolerance</b>	Operating: 32° to 158° F (0° to 70° C); Storage: -4° to 185° F (-20° to 85° C)
<b>Humidity Tolerance</b>	Up to 95% non-condensing
<b>Interface:</b>	RS232

## Connectors

- (1) DB9S socket connector - (PORT M)
- (4) DB9S socket connectors - (PORT 1 - 4)

## Leads Supported

Pins 1, 2, 5, 6, 8 and 9 are connected straight thru between PORT M and PORTS 1 - 4.  
Pins 3, 4, and 7 are "diode ORed" from PORT 1 - 4 to PORT M.

# 2. Introduction

The RS-232 DB9 Modem Splitter is designed to allow multiple terminals to share a single modem. This passive device is non-powered and transparent to data format or speed. The data from the modem is transmitted to all terminal devices. Only one terminal device may send data to the modem at a time. If more than one terminal device sends data at the same time, the data will be corrupted. Port M is intended to be connected to a modem (Data Carrier Equipment). The other ports, labeled Port 1 through Port 4, are intended to be connected to terminals (Data Terminal Equipment). When connected as intended, there is no need for cross over cables.

**Note: only one terminal may send data to the modem at a time.**

# 3. Installation

There are no user configurable settings in the RS-232 DB9 Modem Splitter. Simply connect port M to the modem using a straight-pinned cable. Connect ports 1 through 4 to terminals using straight-pinned cables. Power up your modem and terminals as normal.

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