

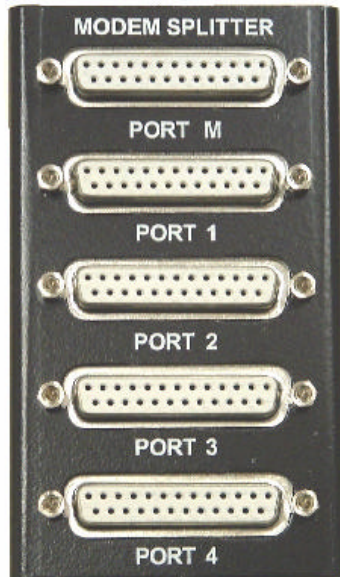


Market Central[®]
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412.494.2800 **CAGE 1BGJ7**

October 2015
Part Number: 5000835
Lead Free: 6000835

DB25 MODEM SPLITTER



1. Specifications

Power:	Non-powered - no power supply required
Size:	2.5"W x 4.3"L x 1.0"H
Weight:	6 oz.
MTBF	>100,000 hours
Altitude Tolerance	Any
Temperature Tolerance	Operating: 32° to 158° F (0° to 70° C); Storage: -4° to 185° F (-20° to 85° C)
Humidity Tolerance	Up to 95% non-condensing
Interface:	RS232
Connectors:	(1) DB25S socket connector - (PORT M) (4) DB25S socket connectors - (PORT 1 - 4)

Leads Supported

Pins 1, 3, 5, 6, 7, 8, 15 and 17 connected straight thru between PORT M and PORTS 1 - 4.
Pins 2, 4, and 20 are "diode ORed" from PORT 1 - 4 to PORT M.

2. Introduction

The RS-232 DB25 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 DB25 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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