



ADVANTECH BB-9PMDS RS-232 Modem Data Splitter User Guide

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ADVANTECH BB-9PMDS RS-232 Modem Data Splitter



Introduction

Use this serial port splitter to increase reliability by capturing data from one peripheral on redundant PCs. This RS-232 splitter improves system economy by sharing multiple PCs on a single peripheral.

Model BB-9PMDS connects two computers or terminals to one modem without switching. The splitter can combine two 9-pin DTE ports to one 9-pin DCE port.

Specifications

| | |
|--------------------------|--|
| Serial Technology | |
| RS-232 | |
| RS-232 Connectors | Straight Through Ports: (2) DB9 Female Monitoring Port: (1) DB9 Male |
| Mechanical | |
| Mounting | In-line installation |
| Weight | 81.7 gm (0.18 lb) |
| Environmental | |
| Operating Temperature | 0 to +70 °C (+32 to +158 °F) |

| | |
|--|--|
| Storage Temperature | -40 to +85 °C (-40 to +185 °F) |
| Operating Humidity | 0 to 95%, non-condensing |
| Meantime Between Failures (MTBF) | |
| MTBF | 2595488 hours |
| Calculation Method | MIL217F Parts Count Reliability Prediction |
| Regulatory – Approvals / Standards / Directives | |
| Approvals | FCC |
| CE – Directives | 2014/30/EU – Electromagnetic Compatibility Directive (ECD) 2011-65/EU – amended by (EU) 2015/863 Reduction of Hazardous Substances Directive (RoHS) 2012/19/EU – Waste Electrical and Electronic Equipment (WEEE) |
| CE – Standards | Note: EMC Directive 2014/30/EU, Section 12, states: “This Directive should not regulate equipment which is inherently benign in terms of electromagnetic compatibility.” Thus, neither the EMC Directive nor emissions and immunity EMC standards apply to this product. |

Features

- Computers & terminals use one modem without switching
- Connect two PCs to one peripheral
- Use with modems, scanners, scales, other serial devices
- Quick plug-and-play installation – no configuration required
- May be left permanently installed

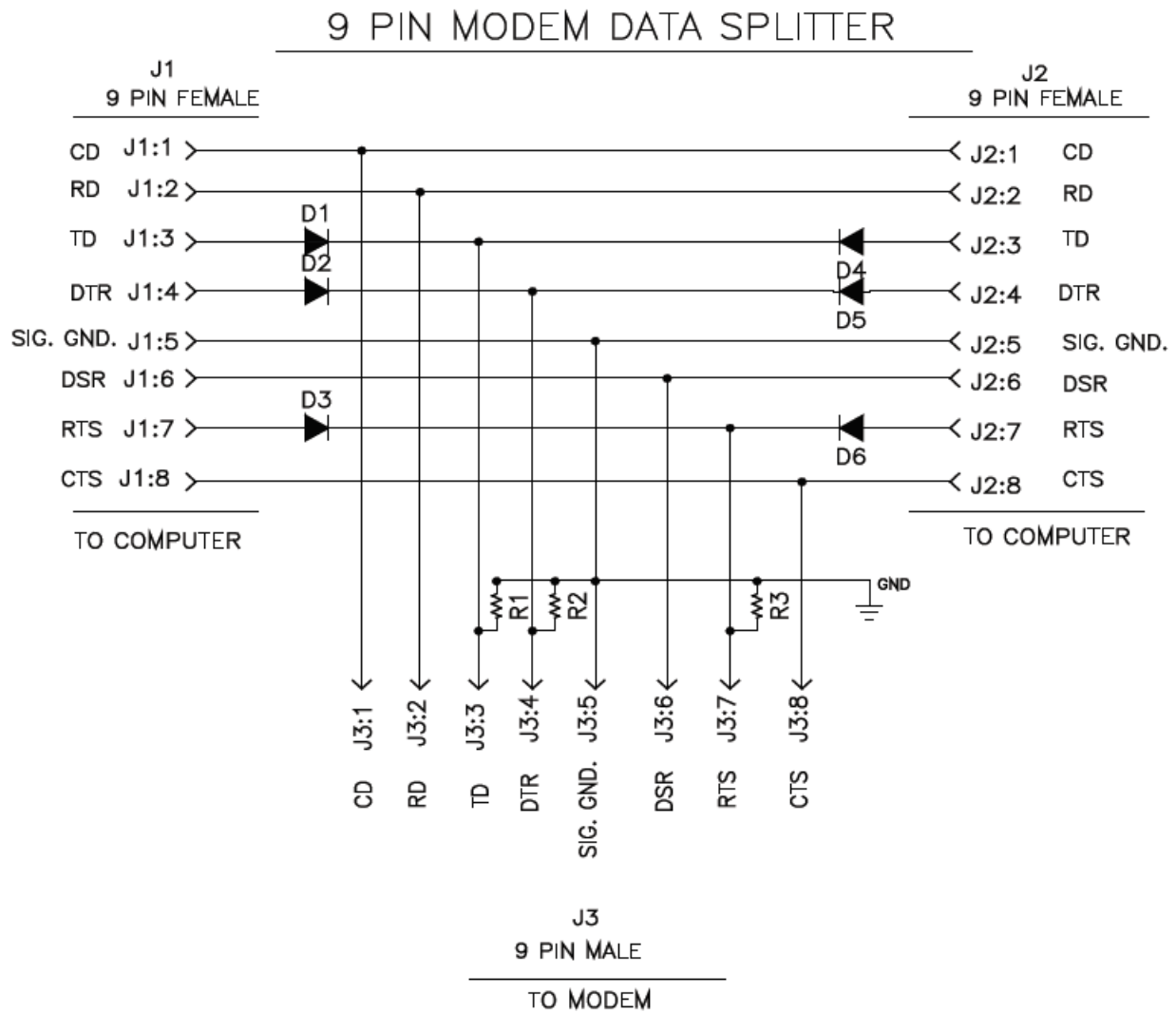
Ordering Information

| Model No. | PC Ports (Slaves) | Peripheral Ports (Master) |
|-----------|-------------------|---------------------------|
| BB-9PMDS | (2) DB9 Female | (1) DB9 Male |

Accessories – Sold Separately

- BB-9PAMF6 – Serial adapter cable, DB9 male to DB9 female, 1.8 m (6 ft)
- BB-232CAM – Serial adapter cable, DB9 female to DB25 male, 1.8 m (6 ft)

Wiring Diagram



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Documents / Resources



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