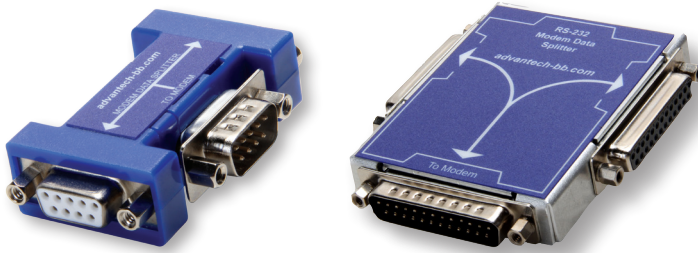


# RS-232 Modem Data Splitters

Models BB-9PMDS, BB-232MDS



www.advantech.com



## PRODUCT FEATURES

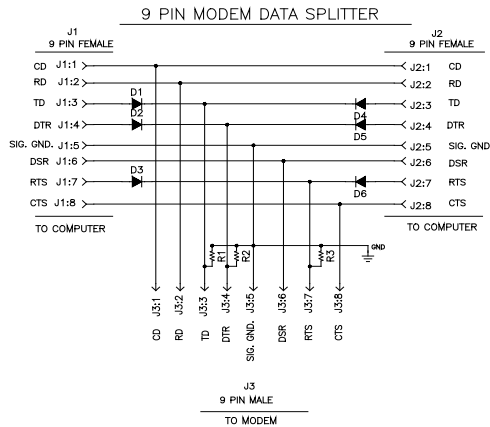
- Computers & terminals use one modem without switching
- Connect two PCs to one peripheral
- Use with modems, scanners, scales, other serial devices
- Quick plug-and-play installation – no configuration required
- May be left permanently installed

With these serial port splitters you gain reliability by capturing data from one peripheral on redundant PCs. These serial RS-232 splitters can improve a system's 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.

Model **BB-232MDS** can be connected so two computers or terminals can use one modem without switching. This modem data splitter can combine two 25-pin DTE ports and connect them to a 25-pin DCE port.

### BB-9PMDS - WIRING



## ORDERING INFORMATION

MODEL NUMBER	PC PORTS (slaves)	PERIPHERAL PORTS (master)
<b>BB-9PMDS</b>	(2) DB9 Female	(1) DB9 Male
<b>BB-232MDS</b>	(2) DB25 Female	(1) DB25 Male

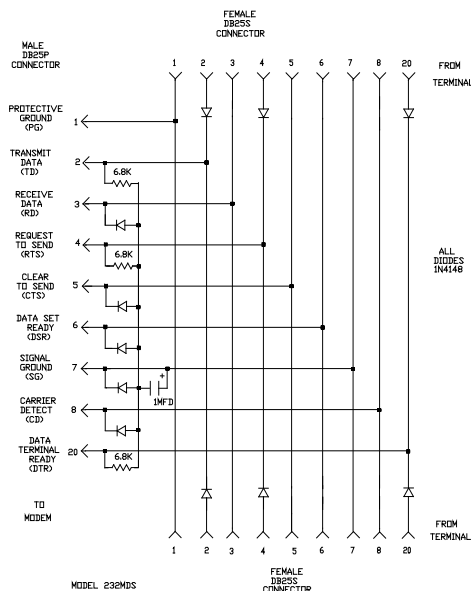
## ACCESSORIES – sold separately

- BB-9PAMF6** - DB9 Male to DB9 Female, 1.8 m (6 ft)
- BB-232CAM** - DB9 Female to DB25 Male, 1.8 m (6 ft)
- BB-232AMF5** - DB25 Male to DB25 Female, 1.8 m (6 ft)

## SPECIFICATIONS

SERIAL TECHNOLOGY	
<b>RS-232</b>	
BB-9PMDS - Connectors	Straight Through Ports: (2) DB9 Female Monitoring Port: (1) DB9 Male
BB-232MDS - Connectors	Straight Through Ports: (2) DB25 Female Monitoring Port: (1) DB25 Male
Installation	In-line
MECHANICAL	
Weight	BB-9PMDS: 81.7 gm (0.18 lb) BB-232MDS: 176.9 gm (0.39 lb)
ENVIRONMENTAL	
Operating Temperature	0 to +70 °C (+32 to +185 °F)
Storage Temperature	-40 to +85 °C (-40 to +185 °F)
Operating Humidity	0 to 95%, non-condensing
MEANTIME BETWEEN FAILURES (MTBF)	
MTBF	BB-9PMDS: 2595488 hours BB-232MDS: 1133093 hours
MTBF Calc. Method	MIL 217F Parts Count Reliability Prediction
REGULATORY / APPROVALS / CERTIFICATIONS	
FCC	
CE - Directives	2011/65/EU - 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 of 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.

### BB-232MDS - WIRING



All product specifications are subject to change without notice.  
9PMDS, 232MDS\_0219ds



orders@advantech-bb.com | Headquarters: 707 Dayton Rd, PO Box 1040 Ottawa, IL 61350 USA (815)433-5100 or (800)346-3119/Toll Free Fax (815)433-5104  
eSales@advantech-bb.com | European Office: Westlink Commercial Pk, Oranmore Co. Galway Ireland +353 91 792444 Fax +353 91 792445