

MD28.8 SERIES

The Data Connect MD28.8 is the rackmount version of the Data Connect MIU28. The same functionality that can be found in the MIU28.8 can be found in the MD14.4L.

The Data Connect MD28.8 is a Bell V.32bis modem designed for asynchronous operation at 0 to 14400bps over voice grade lines. The modem is intended for use on 2-wire or 4-wire leased lines.

The MD28.8 is comprised of MDMC carrier card and PE14.4 module. Up to 18 MD28.8 can be front loaded into a MDR Modem Bank.

The MDR Modem Bank is an industrial grade 19" X 3U rack mountable chassis. The MDR Modem Bank is powered from a wide range of AC or DC voltages. Two power supply cards can be installed to provide automatic back up in the event the primary power supply fails. The MDR will operate in temperatures from -20°C to +85°C and is surge protected on both power and analog lines.

Two power supply slots are provided. Power supply cards are available for any voltage in the range 9-150VDC and 9-275VAC. A single power supply card will power all 18 MD28.8.

In addition to the MD28.8 the MDR Modem Bank also houses the MD14.4L, MD14.4, MD9.6FPD, and MD202T.

Key Features

**28.8kbps
2-Wire Dial
Line Modem**

**IEC801-4
Surge
Protection**

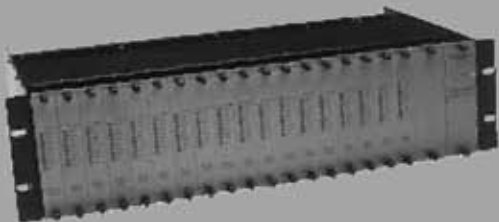
**-20°C +85°
Operating
Temperature**

**For Meters,
Relays, SCADA
etc.**



General Specifications

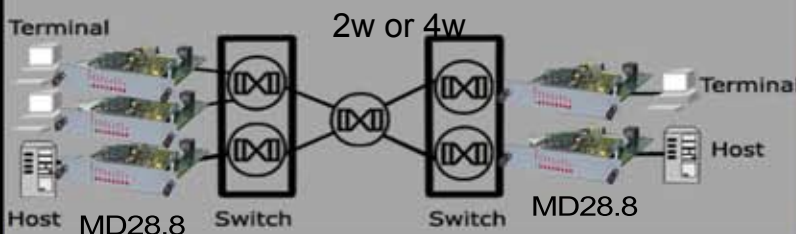
Modem Line Speeds:	Asynchronous 28800, 14000, 9600, 4800, 2400, 1200, 300bps
<input type="checkbox"/>	
DTE Rates:	Above modem line speeds (ie; with data compression) <input type="checkbox"/>
<input type="checkbox"/>	115.2, 57.6, 38.4, 19.2kbps
<input type="checkbox"/>	
Standards:	V.34, V.32bis, V.32, V.22bis, V.22, Bell 212A, Bell 103
<input type="checkbox"/>	
Transmission Line:	2-Wire Dial
<input type="checkbox"/>	
Compatibility:	Hayes Extended AT Command Set
<input type="checkbox"/>	
Digital Port:	RS232 with DB9 Connector
<input type="checkbox"/>	
Analog Port:	RJ11 Modular Jack
<input type="checkbox"/>	
Surge Protection:	(Power Line) 8kV [Exceeds IEC801-4] (20kV {IE801-5} <input type="checkbox"/>
<input type="checkbox"/>	(available if required)
<input type="checkbox"/>	
Surge Protection:	3.75VAC
<input type="checkbox"/>	
Environment:	-40°C to +85°C, 0 to 95% humidity (non-condensing)
<input type="checkbox"/>	
Certifications:	FCC Part 68, Industry Canada



Model Numbers and Optional Features

DCE/MD28.8	Rackmount Card
DCE/PE28.8	Modem Card
DCE/MDMC	Carrier Card
DCE/MDR	Modem Bank
DCE/MIU28.8	Standalone Modem
DCE/MIU28.8-LV	DC Standalone Modem

Basic Data Transmission over the PSTN Basic Data Transmission Over Leased Line



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