

MYRIAD RACK MOUNT MODEM BANKS AC/DC Powered Substation Hardened



KEY FEATURES

- 18 Modem Slots
- Dial and Leased Line Modems
- Bell 202T (1200bps) to V.92bis (56 Kbps)
- Hayes™ AT Compatibility
- Full Array of Status LEDs
- Standard 19" x 5.25" (3U) EuroRack
- Powered from 9 - 150 VDC or 90 - 275 VAC
- Single or Dual Power Supplies (Auto Back Up)

The Raymar-Telenetics Myriad Rack Mount Modem Bank is an industrial grade, 19" 3U (5.25"H) chassis with slots for 18 modem cards and 2 power supply cards. Each modem rack can be installed with many of Raymar-Telenetics' modem cards, from Bell 202T to V.92bis.

The Myriad can be 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 Myriad will operate in temperatures from -20° to 85° C and is surge protected on both the power and analog lines.



Modem Card

MODEMS

Eighteen slots are provided for front-loading, hot-swappable modem cards. Each card can accommodate any one of the Raymar-Telenetics' (MD) modem cards listed in the table on the next page.

POWER SUPPLIES

Two power supply slots are provided. Power supply cards are available for any voltage in the range 9 - 150VDC and 90 - 275VAC. A single power supply card will power all 18 modem cards. A second power supply card, if installed, provides automatic backup in the event of a failure of the primary power supply.

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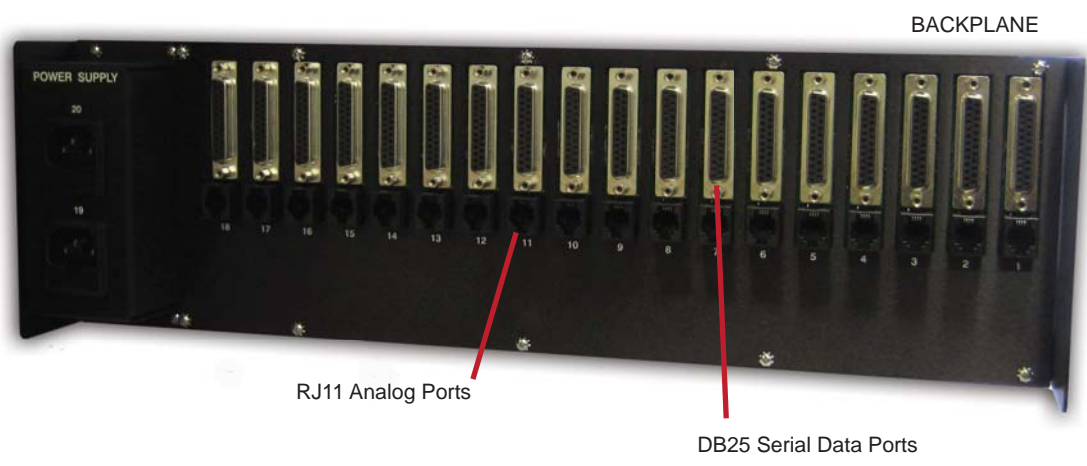
**Tech Support Hotline
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MYRIAD RACK MOUNT MODEM BANKS

BACKPLANE (MDR)

The backplane connectors are standard DB25F serial ports and RJ 11 analog ports. Power connectors are screw terminals for DC and fused sockets (IEC 320) for AC.



LEDs

Power, DTR, TxD, RxD, MR, CD, RTS, CTS, RI

MYRIAD MODEM CARDS

A Myriad (MD) modem card slides into any one of the 18 slots in the MDR backplane and can be mixed in any combination of dial-up, leased-line or pilot-wire modems. MD cards can be removed while the rack is powered.

MODEL	FUNCTION	MODEM LINE SPEED (Asynch)	MAX DTE RATES	STANDARDS
MD2.4	Dial Up	2400bps	2400bps	V.22bis, V.22 Bell 212A, Bell 103
MD9.6 MD9.6L	Dial Up Leased Line	2400bps	19200bps	Same As Above
MD14.4 MD14.4L	Dial Up Leased Line	14400bps	57.6kbps	V.32bis, V.32 Plus Above
MD202T	Leased Line	1200bps	1200bps	Bell202T
MDV23	Leased Line	1200bps	1200bps	V.23
MD9.6FP	Leased Line	9600bps	9600bps	Raymar-Telenetics Proprietary
MD9.6FPD	Pilot Wire	9600bps	9600bps	Raymar-Telenetics Proprietary
MD9612FP	Leased Line	FSK Bell202T 0 to 1800bps, 4800bps 9600bps	9600bps	Bell202T Raymar-Telenetics Proprietary
IGM-HXII56RM	Dial / 2w Leased line	56K	15200bps	V.92, V.34, V.32Bis V.22Bis, Bell 212A, Bell 103, V.21 & V.23

Ordering Information

Part Number	Description
MDR-00	CHASSIS, 18 SLOT, MYRAID, REDUNDANT 9-36VDC PSU
MDR-01	CHASSIS, 18 SLOT, MYRAID, REDUNDANT 38-56VDC PSU
MDR-02	CHASSIS, 18 SLOT, MYRAID, REDUNDANT 90-140VAC PSU
MDR-03	CHASSIS, 18 SLOT, MYRAID, REDUNDANT 175-265VAC PSU

WARRANTY

Raymar-Telenetics manufactured products are warranted against defects in hardware material and workmanship under normal use for one (1) year from date of original retail purchase. Defective product will be repaired or replaced, determination to be made by Raymar-Telenetics, at no charge. Repaired or replaced products are warranted for 90 days or for original warranty period, whichever is longer. Warranty extends to original end-user only.



Manufactured in the USA by RAYMAR-TELENETICS