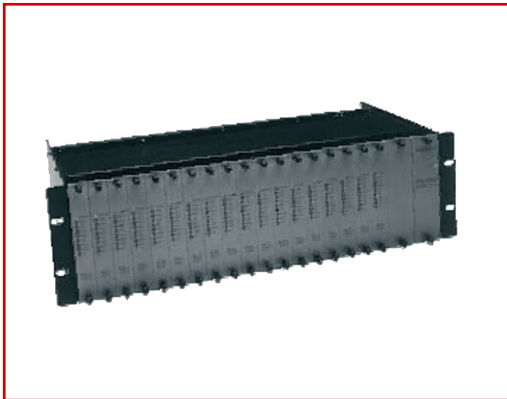


# DCE MDR Modem Chassis



## Overview

The Data Connect MDR modem chassis is designed to house 18 DCE MD modem cards and 2 DCE MDP power supplies. The DCE MDR modem chassis is hardened industrial grade, 19" wide, 3U height (5.25"), constructed of heavy gauge steel with plating for corrosion resistance. The DCE MD modem cards are comprised of a DCE MDMC modem carrier card and a DCE PE OEM card. The DCE MD202T (Bell 202T), MD9.6 (proprietary), MD2.4 (V.22), MD14.4 (V.32bis), MD14.4L (V.32bis), and MD28.8 (V.34) operate within the DCE MDR modem chassis and are hot-swappable. Any mix of the DCE MD modems can be utilized simultaneously. Two DCE MDP

power supply cards provide full redundancy and are available for any voltage in the range of 9-150VDC and 9-275VAC. A single DCE MDP power supply card powers 18 modem cards. A second DCE MDP power supply card, if installed, provides automatic backup in the event of a failure of the primary DCE MDP power supply card.

## Features

18 modem slots  
Dial & leased line modems  
V.22, 202T, 9.6FPD, V.32bis, V.34  
Hayes AT compatibility  
Full array of LEDs

Standard 19" x 5.25"  
AC or DC power from 9 to 300VAC or VDC  
Dual power supply cards with full redundancy  
Ideal for SCADA master stations

### EIA Standards:

Compliant with EIA standard EIA-310-C

### Modem Interface Connectors (Rear):

Serial RS232: DB25F

Analog Port: RJ11

### LEDs (Front)

(Top to bottom)

DTR: Data Terminal Ready

TXD: Transmit Data

RXD: Receive Data

MR: Modem Ready

CD: Carrier Detect

RTS: Request to Send

CTS: Clear to Send

RI: Ring Indicator

### Power Requirements:

AC power: 9 to 275VAC - Fused Socket

DC power: 9 to 150VDC - Screw Terminals - 9 to 150VDC

### Dimensions:

Width: 19"

Depth: 5.25"

Height: 3U

### Environmental:

Operating Temperature: -20°C to +85°C

## Ordering Information

DCE/MDR	Rack mount chassis & AC power backplane assembly (18 slots)
DCE/MDP-00	DC power supply card with front plate, 19-36 VDC
DCE/MDP-01	DC power supply card with front plate, 38-56 VDC
DCE/MDP-02	DC power supply card with front plate, 90-140 VAC, 50/60-Hz
DCE/MDP-03	DC power supply card with front plate, 175-265 VAC, 50/60 Hz
DCE/MDMC	Modem carrier card with face plate (without modem)
DCE/MDBP-M	Blank panel for modem card slot
DCE/MDBP-P	Blank panel for power supply slot