

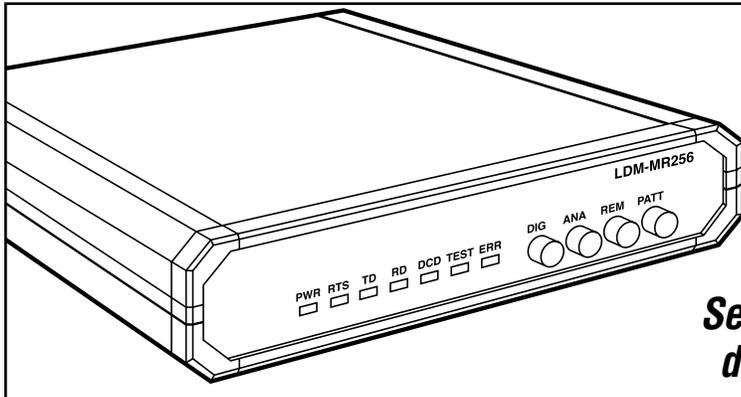


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BLACK BOX[®]

NETWORK SERVICES

256-KBPS LINE DRIVERS



Send data at high speeds over long distances with these line drivers.

Key Features

- ▶ **Selectable speeds range up to 256 kbps.**
- ▶ **Your choice of interfaces in desktop or rackmount card models.**
- ▶ **Built-in BERT supports V.54 loop diagnostics.**
- ▶ **Includes conditioned diphase modulation.**
- ▶ **Runs in full or half-duplex mode.**

Send data at speeds up to 256 kbps on twisted-pair wire over long distances with the LDM-MR256. It supports transmission distances of up to 3 miles (4.8 km) on 19 AWG wire or 2 miles (3.2 km) on 24 AWG wire at top speed. Longer distances are possible at slower speeds.

A built-in Bit Error Rate Tester (BERT) tests both the line drivers and the line.

As a bonus, the line driver includes V.54 diagnostic capabilities. You can perform local and remote loopback tests

from the device's front panel—or via control signals from the interface connector.

With the LDM-MR256 your data is safe, too, thanks to conditioned diphase modulation. This feature provides background

noise immunity, gives you efficient data transmission and reception, and eliminates normal line distortion.

NOTE: These line drivers must be used in pairs.

Specifications

- Clocking:** Internal, external, recovered
- Operation:** 4-wire half- or full duplex
- Protocol:** Asynchronous and synchronous
- Speed:** Up to 256 kbps
- Interface:**
ME444A-R3, ME445C-35: V.35;

Interface (continued):

ME444A-530-R3, ME445C-530: RS-530

Power: ME444A models: 115 VAC; ME444AE models: 230 VAC; ME445C models: From the RackNest 2/14

Size: ME444A-R3, ME444A-530-R3: 1.6"H x 9.6"W x 7.6"D (4.1 x 24.4 x 19.3 cm); RM110A, RM110AE: 7"H x 19"W x 10.4"D (17.8 x 48.3 x 26.4 cm)

Weight: ME444A-R3, ME444A-530-R3: 3.1 lb. (1.4 kg)

Ordering Information

ITEM	CODE
256-kbps Line Drivers (LDM-MR256)	
Desktop Models	
V.35.....	ME444A-R3
RS-530.....	ME444A-530-R3
Rackmount Cards	
V.35.....	ME445C-35
RS-530.....	ME445C-530

To rackmount your modems and cards, order...

RackNest 2/14	
115-VAC.....	RM110A
230-VAC.....	RM110AE

