

Synchronous Modem Eliminator (SME-4M)

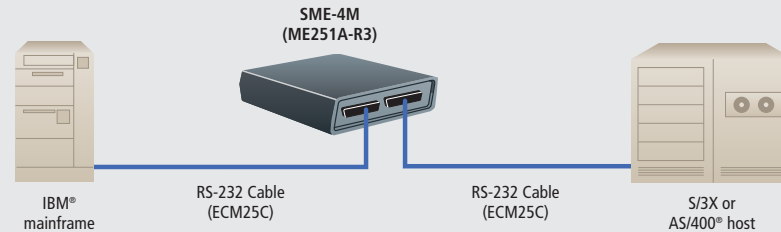


Replaces a pair of modems to connect IBM mainframes, minicomputers, and controllers.

FEATURES

- Replaces two modems in point-to-point applications.
- Speeds up to 38.4 kbps.
- Small and lightweight. Easy to install or replace in the field.
- LEDs show DSR, CTS, and TXD for both ports.
- Front-panel switches set signals and select test mode.
- Operates transparently, sync or async.

IBM compatibility at two different speeds. Runs sync or async, too!



OVERVIEW

The Synchronous Modem Eliminator (SME-4M) enables a mainframe or minicomputer to communicate locally with another mainframe, minicomputer, or remote controller. And best of all, it saves you money because the SME-4M replaces the two modems or line drivers normally needed for such communication.

Just one versatile SME-4M enables asynchronous, synchronous, or bisynchronous communications between two DTEs over RS-232C cable.

In synchronous mode, the unit operates at data rates that top out at 38.4 kbps. Plus the SME-4M operates transparently in either synchronous or asynchronous mode. You can also configure the SME-4M to operate at some nonstandard data transmission speeds. To set the SME-4M for one of these speeds, configure the unit according to the chart on the right.

The SME-4M is small and lightweight, so it's easy to handle. And because no special tools are needed, installation is simple.

The modem eliminator's front panel has six LEDs and three switches. The six LEDs indicate Clear To Send (CTS), Transmitted Data (TXD), and Data Set Ready (DSR) for each port. The three switches include Ring Indicator (RI) and Control Data Set Ready (CON) signals, and (LB) selects the Digital Loopback Test Mode.

Use the SME-4M's diagnostic loopback capability to test asynchronous applications. Simply press the switch and enter data at the host terminal or computer. That data should return to you exactly as you sent it.

The unit fits neatly on a desktop. Each SME-4M is shipped with a 115-VAC power transformer and a user's manual.

Buyer's Guide Transmission Speeds

Strap Position	Transmission Rate (bps)
a	76,800
b	153,600
38,400	38,400
19,200	19,200
9600	9600
4800	4800
2400	2400
1200	1200
Crystal Frequency	2.4576 MHz

TECH SPECS

Clock — Internal or external
Diagnostics — Bidirectional loopback (async)
Operation — Full or half-duplex
Protocol — Async or sync
Speed — 1.2, 2.4, 4.8, 9.6, 19.2, and 38.4 kbps
User Controls — (3) switches: Ring Indicator (RI), Control Data Set Ready (CON), Digital Loopback Test Mode (LB)
Interface — RS-232
Connectors — (2) DB25 F
Indicators — (6) LEDs: DSR, CTS, TXD for each of the two ports
Power — 115 VAC/60 Hz, 10 watts
Size — 1.8"H x 5.5"W x 8.6"D (4.6 x 14 x 21.8 cm)
Weight — 2 lb. (0.9 kg)



Item	Code
Synchronous Modem Eliminator (SME-4M) for RS-232 38.4-kbps Standalone (115-VAC)	ME251A-R3
For optimum performance and a 20% savings, order...	
RS-232 Cable, 25-Conductor, 10-ft. (3-m)	ECM25C-0010

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