

Modular Modem Eliminator

Incompatible interfaces?
No problem. Plug-in modules
make the right connection.

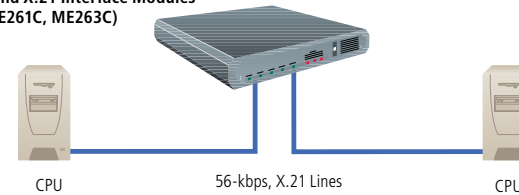


FEATURES

- » Interface converter, modem eliminator, and elastic buffer—in one compact unit!
- » Supports RS-232, X.21, and G.703 interfaces.
- » Field-replaceable interface modules.
- » DCE/DTE switch for each module (except for G.703 interface).
- » Speeds to 2.048 Mbps.
- » Supports two G.703 standards—64-kbps and T1.

Connect two CPUs with the ME260A and two interface modules.

Modular Modem Eliminator (ME260A)
with RS-232 and X.21 Interface Modules
(ME261C, ME263C)



OVERVIEW

The **Modular Modem Eliminator** (ME260A) connects any two data-communications products with similar or different interfaces. It functions in three ways: as an interface converter, as a modem eliminator, and as an elastic buffer. A handy switch enables you to select the mode of operation.

- As an interface converter, the unit enables you to connect DTE to DCE with different interfaces. It converts the physical and electrical difference between the two interfaces.
- As a modem eliminator, the unit eliminates the need for two synchronous modems. It enables you to connect two DTEs with similar or different interfaces. The converter provides clocking, and performs handshaking of control signals, simulating modem operation.
- As an elastic buffer, the unit enables you to connect two independently clocked DCEs. It buffers data in both directions to overcome different clock phases and reduce data loss for different clock sources. The two DCEs may have similar or different interfaces.
- The **Modular Modem Eliminator** runs at data rates up to 2.048 Mbps using internal or external clocking. A complete system consists of the Modular Modem Eliminator and two Interface Modules of your choice.
- General-purpose interface modules are available for RS-232, X.21, and G.703 interfaces.
- G.703 interface modules are available for 64-kbps DB15 and 1.544-Mbps T1.

TECH SPECS

Buffer Size — 2 buffers, 256 bits each
DCD — Selectable to be continuously on or controlled by the RTS signal
Operation — Half- or full duplex
Protocol — Synchronous
RTS/CTS Delay — Selectable to 0, 6, or 53 msec for each DTE
Speed (Maximum) — 512 kbps using internal clock, 2.048 Mbps using external clock
User Controls — (1) 12-position (0–9, A–B) rate selection (48 kbps to 2.048 Mbps) switch
Connectors — ME261C: (1) DB25 F; ME263C, ME266C: (1) DB15 F; ME268C: (1) coax F
Indicators — (8) LEDs: PWR, TD-1, RD-1, TD-2, RD-2, Int. Conv., Elastic Buffer, Modem Elim.
Power — 115 VAC, 60 Hz \pm 10% (wallmount), 5 watts
Size — ME260A: 1.7"H x 10.5"W x 9.6"D (4.3 x 26.7 x 24.4 cm); Interface modules: 2.7"H x 0.1"W x 3.9"D (6.9 x 0.3 x 9.9 cm)
Weight — ME260A: 4.1 lb. (1.9 kg); Interface modules: 0.2 lb. (0.1 kg)

Item	Code
First, order the chassis...	
Modular Modem Eliminator	ME260A
...next, order two interface modules.	
RS-232	ME261C
X.21	ME263C
G.703	
DB15	ME266C
T1	ME268C
For optimum performance and a 20% savings, order...	
RS-232 Cable, 25-Conductor, 10-ft. (3-m)	ECM25T-0010
V.35 Interface Cable, 10-ft. (3-m)	EYNT450-0010
X.21 Cable, 3.2-ft. (1-m), Male/Male	EVNX21-001M-MM
Coax Cable, RG-59 PVC (CL2), 10-ft. (3-m)	ETN59-0010-BNC