

Modular Modem Eliminator

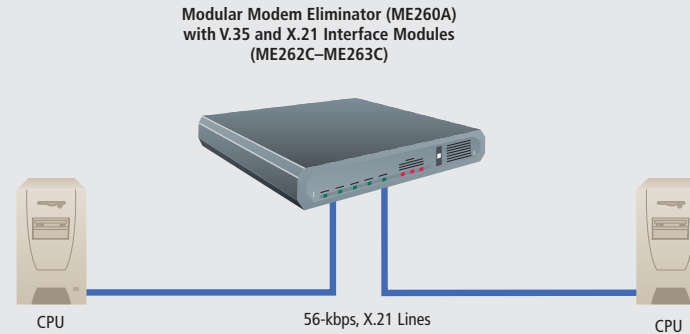


**Incompatible interfaces? No problem.
Plug-in modules make the right connection.**

FEATURES

- Interface converter, modem eliminator, and elastic buffer—in one compact unit!
- Supports RS-232, V.35, X.21, RS-422/RS-449, 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 three G.703 standards—64-kbps, T1, and E1.

Connect two CPUs with the ME260A and two interface modules.



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 clock, 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, V.35, X.21, RS-422/RS-449, and G.703 interfaces.
- G.703 interface modules are available for 64-kbps DB15, 2.048-Mbps Coax, 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;

ME262C: (1) M/34 F;

ME263C, ME268C: (1) DB15 F;

ME265C: (1) DB37 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)



ME260A

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.
- It's 9 p. m. and you need help, but your vendor's tech support line is closed.

According to a survey by Data Communications magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.

Item	Code
First, order the chassis...	
Modular Modem Eliminator	ME260A
...next, order two interface modules.	
RS-232	ME261C
V.35	ME262C
X.21	ME263C
RS-422/RS-449	ME265C
G.703	
DB15	ME266C
Coax Female	ME267C
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