

BLACK BOX[®]

NETWORK SERVICES

Async Short-Haul Modem-B Plus



Break the RS-232 distance barrier—drive data up to 4 miles (6.4 km)!

Key Features

- ▶ Drive data up to 4 miles (6.4 km)!
- ▶ Supports speeds up to 115.2 kbps.
- ▶ Versatile and powerful.
- ▶ External DTE/DCE and flow control switches.
- ▶ Screw-terminal and RJ-11 connectors included.
- ▶ DB9-to-DB25 cable and adapter included.
- ▶ Lightweight and compact.
- ▶ Quick-connect power supply.

Break the RS-232 distance barrier with the Async Short-Haul Modem-B Plus. Drive data up to 4 miles (6.4 km)!

Perfect for a variety of applications, including office, industry, and data center, the Short-Haul Modem gives you speed, versatility, and power.

The Short-Haul Modem supports speeds up to 115.2 kbps, for *fast* data transfer.

And it's compact and easy to install. You never have to open the case, thanks to external DTE/DCE and flow-control switches.

It works with your equipment's interfaces, too. Use either a screw terminal or an RJ-11 connector to attach twisted-pair cable to the Short-Haul Modem. And we've also included your choice of serial-interface connectors—either DB25 or DB9—plus a DB9-to-DB25 cable that you can use for either interface with the included DB9-to-DB25 Adapter.

What's more, the Short-Haul Modem comes with a quick-connect 230-VAC wallmount power supply for easy power connections.

Typical distances over 24-AWG shielded twisted pair are given in the chart on **page 2**.

Typical Application

Ideal for office, industry, or data-center applications—see the diagrams on page 2.

Speedy, convenient, and versatile, this Short-Haul Modem's perfect for office, industry, or data-center applications. See the diagrams at right.

Technically Speaking

With the Async Short-Haul Modem-B Plus, you can get distances of up to 4 miles (6.4 km). Of course, maximum distances depend on the wire gauge of the twisted-pair cable you're using, and the data rate of your connection. Typical speeds that you can achieve using 24-AWG cable are shown for various speeds in **Table 1** below.

NOTE: The speeds and distances described in **Table 1** are based on using 24-AWG unshielded twisted-pair cable. Actual distances may vary.

The Short-Haul Modem also features an improved power-supply jack for easy plug-in, and built-in optical isolation for extra safety.

Table 1. Speed/distances for 24-AWG cable.



What the package includes

- Async Short-Haul Modem-B Plus
- (1) 6-ft. (1.8-m) DB9-to-DB25 Cable
- (1) Adapter (Serial) (DB9 male to DB25 female)
- User manual

Specifications

Maximum Distance — 4 miles (6.4 km)

Operation — 4-wire, full-duplex

Speed — Up to 115.2 kbps

Interface — RS-232

Connectors — (1) DB25 female, (1) RJ-11 female, (1) 4-screw terminal block

Power — 115 VAC, 60 Hz ±10% (wallmount), 5 watts

Size — 3.8 x 13.2 x 13.2 cm

Fido Protection™ — 1 Year

Figure 1. Office application.

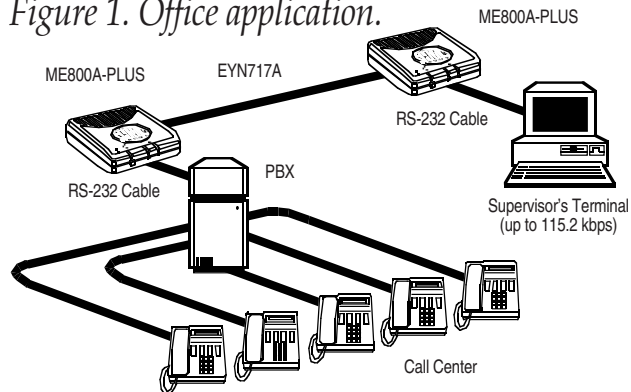


Figure 2. Industry application.

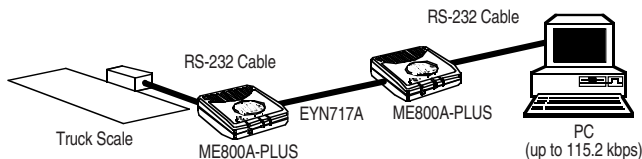
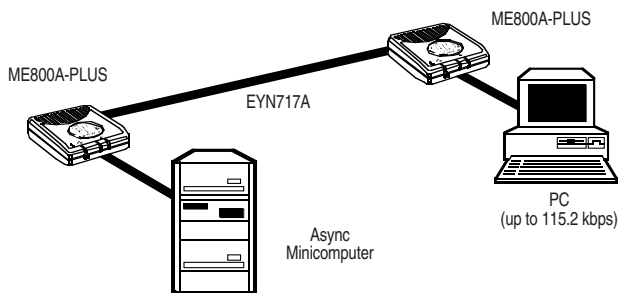


Figure 3. Data-center application.



For these and other components...

Call our expert Technical Support Staff for all your Short-Haul Modem and Accessory needs. They'll help you find the best equipment for your application.

Ordering Information

This information will help you place your order quickly.

PRODUCT NAME	ORDER CODE
Async Short-Haul Modem-B Plus	ME800AE-PLUS

Remember to order cable...

Bulk Category 5 Solid-Conductor Cable, 2-Pair, PVC, Custom Lengths	EYN717A
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