

Async Short-Haul Modem-B Plus

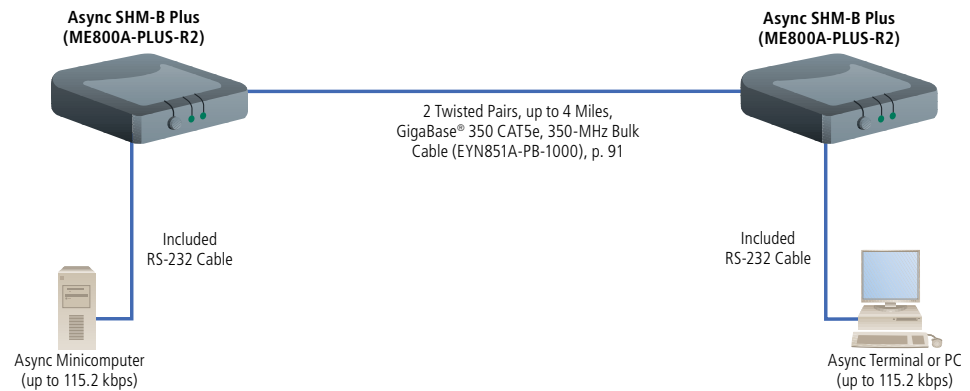
For extending RS-232
circuits, nothing sets up
easier or works better.



FEATURES

- » Transmits data up to 4 miles (6.4 km) on 4 wires or at speeds up to 115.2 kbps.
- » External switches for DTE/DCE and flow control selection.
- » Improved power-supply jack for easy plug in.
- » Built-in optical isolation for extra safety.
- » RJ-11 or 4-screw terminal block makes it easy to connect.
- » WARRANTY — 1 Year

Extend an RS-232 circuit up to 4 miles between an async terminal and an async minicomputer.



OVERVIEW

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.

The short-haul modem comes with a quick-connect 115-VAC wallmount power supply for easy power connections.

Typical distances over 24 AWG shielded twisted pair are given in the Speed/Distance Chart.

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 the Speed/Distance Chart 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.

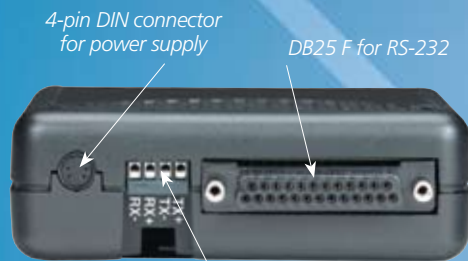
ME800A-PLUS-R2: bottom view



External switches for DTE/DCE and flow control—you never have to open the case

RJ-11 for connectivity between short-haul modems

ME800A-PLUS-R2: rear view



4-pin DIN connector for power supply

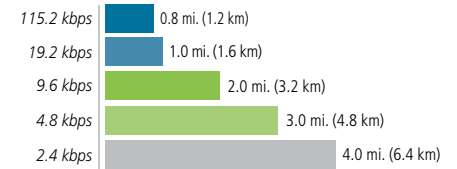
DB25 F for RS-232

4-screw terminal block for twisted pair

TECH SPECS

Distance (Maximum) — 4 miles (6.4 km)
 Operation — 4-wire, full-duplex
 Speed — Up to 115.2 kbps
 User Controls — (1) Normal/Loopback button
 CE Approval — Yes
 RoHS — Yes
 Interface — RS-232
 Connectors — (1) DB25 female, (1) RJ-11 female, (1) 4-screw terminal block
 Indicators — (2) LEDs: (1) TD, (1) RD
 Power — 115 VAC, 60 Hz ±10% (wallmount), 5 watts
 Size — 1.5"H x 5.2"W x 5.2"D (3.8 x 13.2 x 13.2 cm)

Speed/Distance Chart*



*Based on 24 AWG unshielded twisted pair. Actual distances may vary.

What's included

- ◆ Async Short-Haul Modem-B Plus
- ◆ (1) 6-ft. (1.8-m) DB9 female to DB25 male cable
- ◆ (1) Adapter (serial) (DB9 male to DB25 female)
- ◆ User's manual

Item

Async Short-Haul Modem-B Plus
 Remember to order cable...
 Bulk Category 5 Solid-Conductor Cable,
 2-Pair, PVC, Custom Lengths

Code

ME800A-PLUS-R2

EYN717A

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.