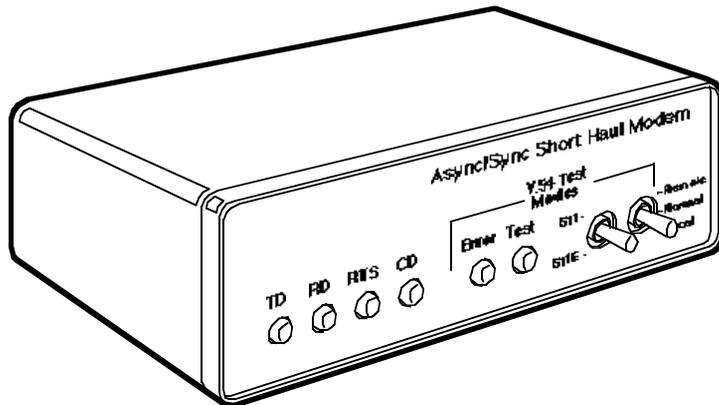


BLACK BOX[®]

NETWORK SERVICES

Async/Sync Short Haul Modem



Send data up to 7.6 miles at up to 57.6 Kbps in just about any RS-232 UTP or STP application!

Key Features

- ▶ Speeds up to 57.6 Kbps.
- ▶ Distances up to 7.6 miles (12.2 km).
- ▶ Async or sync operation, point-to-point or multipoint.
- ▶ Transformer isolation and surge protection.

Technically Speaking

The Async/Sync Short Haul Modem works at distances up to 7.6 miles on one or two unconditioned twisted pair. It supports data rates—up to 57.6 Kbps, and has a built-in V.52 BER test pattern generator.

Other features include asynchronous or synchronous RS-232 operation, half/full duplex 4-wire, half duplex 2-wire communication over four

wires, support for point-to-point or multipoint applications, and fully compliant V.54 test modes (local analog loop and remote digital loop).

Automatic features include equalization, gain control, and noise filtering (a separate filter for each data rate is built into a custom VLSI chip). To combat the many nemeses of clear data transmission, the Modem includes surge protection which guards against transients. Transformer isolation eliminates

ground looping and a new anti-streaming timer stops data streaming.

Front panel LEDs give a clear picture of link status, V.54 tests can be activated remotely or via the front panel, and the unit can be externally configured so there's no need to open the case.

Specifications

Speed — Up to 57.6 Kbps	115 VAC or 220 VAC
Protocol — Synchronous or Asynchronous RS-232	Size — 10.7H x 15.8W x 3.8D cm
Interface — RS-232	Weight — 0.5 kg
Operation — Point-to-point or multipoint	
Power — External transformer,	

Ordering Information

This information will help you place your order quickly.

PRODUCT NAME	ORDER CODE
Async/Sync Short Haul Modem.....	ME475AE