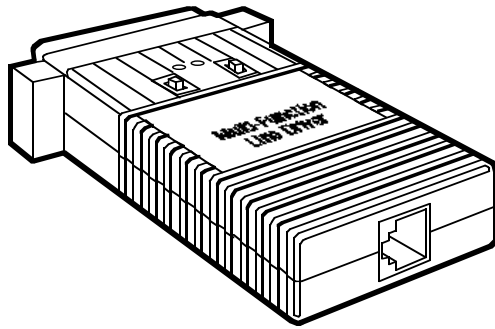


# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

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### Multi-Function Line Driver



Use this line Driver  
in just about any  
RS-232 UTP or  
STP application.

#### Key Features

- ▶ Speeds up to 38.4 Kbps.
- ▶ Distances up to 9.7 km (6 miles).
- ▶ Async or sync operation, point-to-point or multipoint.
- ▶ Transformer isolation and surge protection.

#### Technically Speaking

Operating asynchronously or synchronously, the Multi-Function Line Driver supports data rates to 38.4 Kbps and distances to 12 miles at 1200 bps, 19 AWG. The Line Driver will operate over 4 wires in point-to-point or multipoint environments. In synchronous mode, the Multi-Function Line Driver supports internal, external or receive loopback clocking.

The Line Driver incorporates two V.54 and two V.52 BER test modes, which can be activated via the RS-232 interface. Built-in LEDs let you monitor test mode operation. With transformer isolation and surge protection your data is safe. The Multi-Function Line

Driver is designed to plug directly into the RS-232 interface. Twisted pair wire is connected using RJ-11, RJ-45, or terminal blocks with strain relief.

#### For these and other components...

Call our expert Technical Support Staff for all your Line Driver needs. They'll help you find the best equipment for your application.

#### Specifications

**Clocking** — Internal, external, receive

**Line Type** — Twisted-pair

**Maximum Speed** — 38.4 Kbps

**Operation** — 4-wire full duplex

**Protocol** — Async/Sync

**Interface** — RS-232

**Connectors** —  
ME6657A-M: (1) DB25M,  
(1) Terminal Block;  
ME658A-M: (1) DB25M,  
(1) RJ-11;

ME659A-M: (1) DB25M,  
(1) RJ-45;  
ME657A-F: (1) DB25F,  
(1) Terminal Block;  
ME657A-F: (1) DB25F,  
(1) RJ-11;  
ME657A-F: (1) DB25F,  
(1) RJ-45;

**Indicators** — BERT, loop

**Power** — From the interface

**Size** — 7.6 x 5.3 x 2 cm  
(3"H x 2.1"W x 0.8"D)

**Weight** — <0.1 kg (0.1 lb.)

### Ordering Information

This information will help you place your order quickly.

PRODUCT NAME	ORDER CODE
Multi-Function Line Driver	
DB25 Male, Terminal Block.....	ME657A-M
DB25 Male, RJ-11.....	ME658A-M
DB25 Male, RJ-45 .....	ME659A-M
DB25 Female, Terminal Block.....	ME657A-F
DB25 Female, RJ-11 .....	ME658A-F
DB25 Female, RJ-45 .....	ME659A-F