BLACK BOX®
NETWORK SERVICES

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MULTI-FUNCTION LINE DRIVER

*Multi-Function
Line Driver*
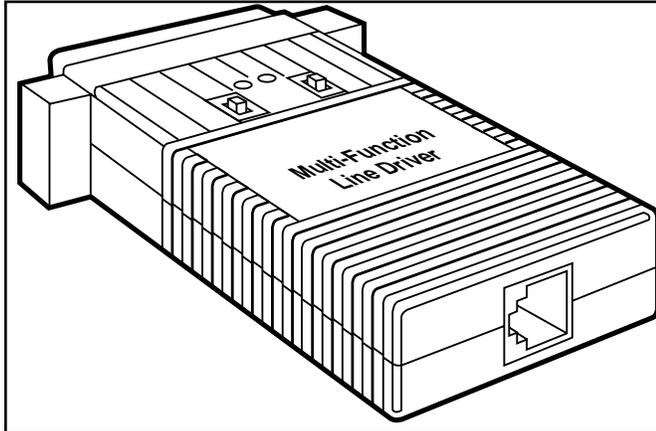
Use this line driver in just about any RS-232 UTP or STP application.

Key Features

▶ *Speeds up to 38.4 kbps.*

▶ *Distances up to 6 miles (9.7 km).*

▶ *Async or sync operation, point-to-point or multipoint.*

▶ *Transformer isolation and surge protection.*

Operating asynchronously or synchronously, the Multi-Function Line Driver supports data rates up to 38.4 kbps and distances up to 6 miles (9.7 km).

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.

Two V.54 and two V.52 BER test modes 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 an RJ-45 connector or terminal blocks with strain relief.

Specifications

Clocking: Internal, external, receive

Distance (Maximum): 6 mi. (9.7 km)

Speed (Maximum): 38.4 kbps

Line Type: (2) twisted pair

Operation: 4-wire, full duplex, point-to-point, or multipoint

Protocol: Asynchronous or synchronous

Interface: RS-232 (DCE)

Connectors: ME657A-M: (1) DB25 M, (1) terminal block; ME657A-F: (1) DB25 F, (1) terminal block; ME659A-F: (1) DB25 F, (1) RJ-45

Indicators: BERT, Loop

Power: 6 VDC from the interface, Pins 4, 9, 20

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

Weight: 0.1 lb. (<0.1 kg)

▼ *Ordering Information*

ITEM	CODE
Multi-Function Line Driver	
DB25 Male, Terminal Block	ME657A-M
DB25 Female, Terminal Block	ME657A-F
DB25 Female, RJ-45	ME659A-F

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