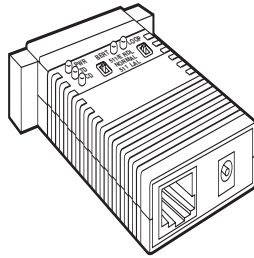




# BLACK BOX<sup>®</sup>

## NETWORK SERVICES

### Line Driver-Dual Handshake



*Pass two sets of flow control signals and async RS-232 data.*

#### Key Features

*Both plug-in and rackmount card versions available.*

*Built-in V.54 loopback tests and V.52 test pattern generator.*

*Tri-state LED indicators.*

#### Technically Speaking

**T**he Line Driver-Dual Handshake has two uni-directional handshaking signals that are passed out-of-band (RTS/CTS). Two more signals are also passed in-band (DTR/DCD).

This unique capability, plus support for data rates to

57.6 Kbps, enables you to operate in special applications such as the SLIP/PPP Internet links.

The Line Driver-Dual Handshake supports distances up to 2.4 miles over two twisted-pair wires

regardless of the data rate. And it features V.54 and V.52 diagnostics, transformer isolation, and surge protection. Both standalone and rackmount versions are available.

#### Specifications

**Protocol** — Asynchronous

BERT (V.52), switch-selectable

**Speed** — 1200 bps to 57.6 Kbps

**Surge Suppression** — 600 watts at 1mS

**Maximum Distance** — 2.4 miles (3.8 km) over 24 AWG twisted pair, independent of speed

**Power** — 115 VAC, 60 Hz or 230 VAC, 50 Hz, external wallmount transformer

**Connectors** — (1) DB25 male or female; (1) RJ-11 or RJ-45

**Size** — 9.2 x 5.3 x 2 cm (3.6"H x 2.1"W x 0.8"D)

**Weight** — 1.4 kg (3.1 lb.)

**Diagnostics** — V.54 test modes, switch-selectable;

### Ordering Information

*This information will help you place your order quickly.*

PRODUCT NAME	ORDER CODE
Line Driver, Dual Handshake, Standalone	
DB25/RJ-11 Male .....	ME680AE-M
Female .....	ME680AE-F
DB25/RJ-45 Male .....	ME681AE-M
Female .....	ME681AE-F
Line Driver, Dual Handshake, Rackmount Cards	
DB25/RJ-11 Female .....	ME680C
DB25/RJ-45 Female .....	ME681C
To mount the Rackmount Card versions, you may need...	
MicroRACK System	
2-Card .....	RM202
4-Card .....	RM204
8-Card .....	RM208
16-Card .....	RM216