

Choose Model 508B for exceptional value, reliability, and consistency.

Model 508B Features

- **Plug-in optical modules for varying distances between stations up to 53 miles**
- **Fastest communications rates over greater distances**
- **Vastly superior for noise immunity and electrical isolation**

Fiberoptic TransNet Extender

For fiberoptic isolation when using the Measurement Technology Limited TransPort System, use the H&L Instruments Model 508B Fiberoptic TransNet Extender.

Model 508B Specifications

Data Rate:

Dc to 37.5Kbps

Power:

TransNet bus - 5 watts

Environmental/Mechanical:

Operating Temperature: 0°C to +60°C

Storage Temperature: -40°C to +85°C

5% to 95% RH

Net Weight: 2.25lbs

Fiberoptic Connector Options:

ST, SMA

Power Options (5.5 Watts):

12Vdc, 24Vdc, 48Vdc, 125Vdc/120Vac 50-60Hz,

250Vdc/230Vac 50-60 Hz

Optical Budget:

20dB multimode LED @ 850nm (62/125 fiber)

28dB multimode LED @ 1310nm (62/125 fiber)

18dB singlemode LED @ 1310nm

34dB singlemode Laser @ 1310nm (62/125 fiber)

Optical Output Power:

LED> -18dBm @ 850nm multimode (62/125 fiber)

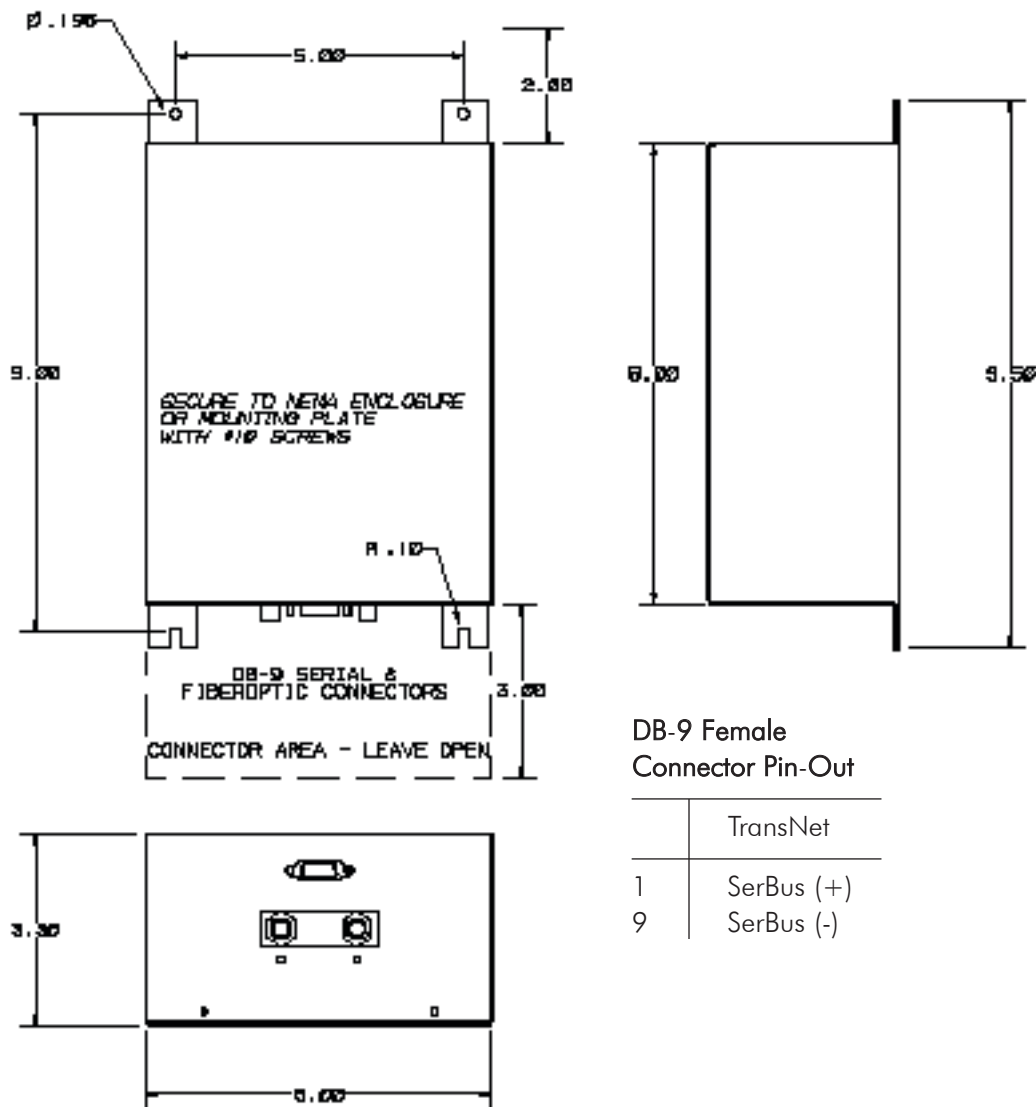
LED> -14dBm @ 1310nm multimode (62/125 fiber)

LED> -24dBm @ 1310nm singlemode

Laser> -8dBm @ 1310nm singlemode

Model 508B

Model 508B Details



DB-9 Female Connector Pin-Out

	TransNet
1	SerBus (+)
9	SerBus (-)

Other H&L Fiberoptic Products:

Model 531-8 Fiberoptic Digital I/O
(transfer-trip relaying)

Model 532A Modem/Multiplexer
(point-to-point communications)

Model 542B Fiberoptic Transceiver
(multi-drop loop communications)

Model 561 Fiberoptic Transceiver
(FiberLoop II™ multi-drop self-healing system)

Model 570 Fiberoptic Transceiver
(FiberLoop III™ multi-drop self-healing system with Ethernet option)

Model 561-16 and 570-16 Transceivers
(16 serial port transceivers)

FiberLoop II and FiberLoop III are trademarks of H&L Instruments. All other products are trademarks or registered trademarks of their respective owners. In our effort to continuously improve functionality, specifications are subject to change. In our effort to continuously improve functionality, specifications are subject to change.