



LL9.6 Fast Poll Modem



FEATURES

- 9600 bps Fast Poll, very low RTS/CTS delay
- Also operates at 2400, 4800 and 7200 bps
- Multidrop or point-to-point
- Fast poll or V.29 modulation
- 4-wire unconditioned lease line operation
- Synchronous or asynchronous RS232
- LDC display
- Network management port
- Addressable remote diagnostics
- Standalone or rackmount
- Ruggedized for full temp operation, -40° to +75°C
- 120, 220 VAC, 12, 24 and 48 VDC options

DESCRIPTION

The DCB LL9.6FP modem is a full featured fast poll leased line modem. The LL 9.6FP modem operates over 4-wire unconditioned leased lines at 9600 bps synchronous or asynchronous. It is an excellent choice for multipoint applications with polled terminals.

The LCD front panel is used to set up the following parameters for the local modem:

Modem rate, modem address, RTS/CTS delay, RTS Holdover, RTS Stream, RTS Control, Transmit Carrier, Transmit Clock Source, Synchronous or Asynchronous, Receive Level, Transmit Level, Transmit Data Clamp.

Remote units can have an address set, allowing the host unit to communicate to command loopbacks, test tones and to measure remote receive levels. In addition, the LCD front panel can initiate the following diagnostic tests:

Line test, Digital Loopback, Analog Loopback, Remote Digital Loopback, Send 1004 Hz test tone, Remote send 1004 Hz test tone.

The LCD front panel is continuously updated to display the receive level in dBm. This is most useful when diagnosing line troubles with the Telephone Company.

The Network Management port is accessed through a 9-pin RS-232D asynchronous port on the rear of rear panel of the modem. Through this port it is possible to configure the modem and perform all the test diagnostics available through the LCD front panel. The Network Management port can also be used to configure the remote modems and measure the remote receive level.

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SPECIFICATIONS

General

Rates: 9600 bps synchronous or asynchronous
Point-to-point or multipoint
4-wire unconditioned phone lines
Fast train multidrop mode or V.29
2400 baud operation (4-bits per baud)
QAM modulation, 1700 Hz carrier frequency

Controls and Indicators

Power, Transmit Data, Receive Data, Carrier, Clear to Send
Front panel LCD display for setup and diagnostics
Front panel push buttons: →, INCR, OK, NEXT, RESET
Rear panel RS232 9-pin management port

Telco Interface

4-wire leased lines
RJ-11C connector

Data Port

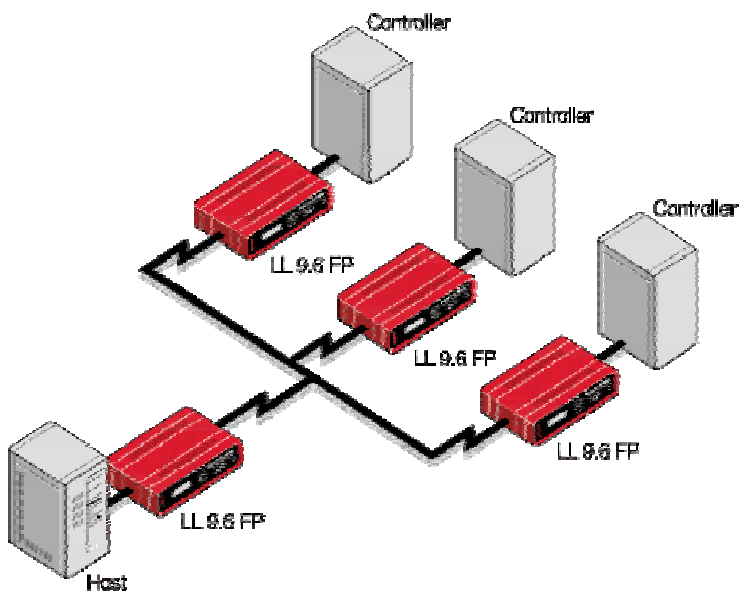
25-pin DB-25 female
RS232, V.24
Synchronous internal or external timing, or
Asynchronous

Physical/Electrical/Environmental

100-250 VAC external supply
10 1/4" x 9 3/4" x 2 1/4"
Optional 12, 24, 48 or 125 DC external power supply
Optional rack mount assembly
Operational Temperature: -40° to +75° C
Storage Temperature: -50° to +75° C
Humidity: <95% Non-condensing



Rear View of LL9.6 Fast Poll Modem



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