RS-530 Line Monitor

FEATURES / BENEFITS

√ **Interface - Supports Data Only for RS-530**

√ **Data Rates -Up to 2.048Mbps**

√ **In-Line Operation**

√ **Visual indication of circuit operation**

√ **Line Powered**

√ **Compact and Easy to Install**

√ **Excellent tool for field technician or service organizations**

DESCRIPTION

The RS-530 Line Monitor product provides a means for a technician to easily monitor the status of RS-530 TXD and RXD on a data only RS-530 circuit. Four light-emitting diode (LED) indicators provide a means for the technician to view the status of data of the attached DCE and DTE devices.

All power to the RS-530-Line Monitor is supplied via the DCE and DTE ports.

Connect the RS-530 Line Monitor in between the DCE and DTE device you wish to monitor.

Indicators and RS-530 Pins

Pin 2 - TXD (A) – Green LED – FROM DTE

Pin 3 - RXD (A) – Green LED – From DCE

Pin 14 – TXD (B) – Red LED – FROM DTE

Pin 16 – RXD (B) – Red LED – FRM DCE

Pin 7 – Passed end to end with No LED

NOTE: When LED indicators are ON, data is making frequent transitions between voltage levels corresponding to a logical 1 and a logical 0, indicating that data in some form is being received through the DCE/DTE. If this indicator is OFF, then the data circuit is constantly at one voltage level or is turned OFF.

The RS-530 Line Monitor has a 3-year warranty and is housed in a sturdy metal enclosure.

EAST COAST DATACOM, INC.

Application
In-Line RS-530 data activity monitor to obtain visual indication of the circuit operation

Capacity
One Data Channel

Interface
RS-530

Data Rates
Up to 10Mbps

Data Format
Data transparent at all data rates

Switches
None

Physical Interface
RS-530: Male DB-25 and Female DB-25
Pinned to RS-530 Standard

Power Source
Line Powered from existing equipment - Draws 5ma - No AC power required

Indicators
TXD(A), TXD(B), RXD(A), RXD(B)

Environmental
Operating Temperature....32º to 122º F (0º to 50º C)
Relative Humidity.............5 to 95%
Non-Condensing
Altitude..........................0 to 50,000 feet

Dimensions
Height .... 0.50 inches (1.27 cm)
Width .... 1.75 inches (4.44 cm)
Length .... 4.00 inches (10.16 cm)

Weight
5 Ounces (0.142Kg)

Warranty
Three Years, Return to Factory

ORDERING INFORMATION
Part Number: 209000
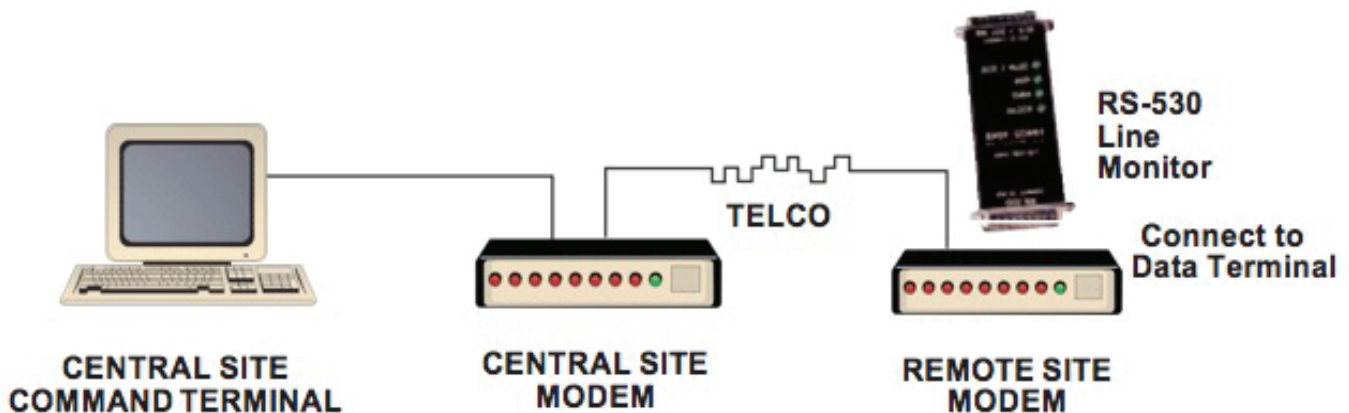Model: RS-530_LM
Description: RS-530 Line Monitor

INCLUDED WITH EACH UNIT:
1) Installation Guide

For further detailed technical information on this product, contact East Coast Datacom Technical Assistance toll free at (321) 637-9922.

OTHER EAST COAST DATACOM PRODUCTS

MODEM SHARING DEVICES
NETWORK EMULATORS
SIGNAL REGENERATORS
DATA BROADCAST UNITS
ROUTER DELAY SIMULATOR

RS-530 Line Monitor

Connect to Data Terminal

CENTRAL SITE COMMAND TERMINAL

CENTRAL SITE MODEM

TELCO

REMOTE SITE MODEM