

DTS DATA TEST SET



FEATURES / BENEFITS

- ✓ Interface - Supports sync/async RS-232, V.35, RS-530 and X.21
- ✓ Data Rates -Up to 2.048Mbps
- ✓ Provides a full external loopback at the terminal port of a DSU or modem
- ✓ Visual indication of circuit operation
- ✓ Line Powered
- ✓ Compact and Easy To Install
- ✓ Excellent tool for field technician or service organizations

DESCRIPTION

The Data Test Set (DTS) provides a means for a technician at a remote site to implement a full external loopback at the terminal port of a DSU or modem and to obtain visual indication of the circuit operation. The DTS has two physical DB-25 male connectors which support EIA-530, RS-232 (sync and async), and a variant of the V.35 interface standards. The DTS may be attached directly to the female DB-25 connector on a DSU or modem, or attached at the end of a cable. Only one connector on the DTS may be used at one time. The DTS is not intended to be used with DTE's such as terminals or PCs.

Four light-emitting diode (LED) indicators provide a means for the technician to view the status of data, clock, and certain control signals from the DSU or modem. Indicators for clock and data provide status on the activity of the corresponding signal, while those four control signals provide status on the signal level.

The DTD performs a loopback between the following 4 DCE circuits on both connectors:

DCE Output Circuit	DCE Input Circuit
Receive Data (RxD)	Transmit Data (TxD)
DCE Transmit Clock (TxC)	External (DTE) Transmit Clock (TxCE)
Data Set Ready (DSR)	Data Terminal Ready (DTR)
Data Carrier Detect (DCD)	Request to Send (RTS)

The four indicators on the DTS monitor the operation of the corresponding circuits from the DCE. In general, for synchronous DCE all indicators ON are indicative of a normally operating loopback circuit. For asynchronous modems, the status of the CLOCK indicator should be ignored.

The DTS has a three year warranty and is housed in a sturdy metal enclosure.

EAST COAST DATACOM, INC.

SPECIFICATIONS

Application

Implement a full external loopback at the terminal port of a DSU or modem and to obtain visual indication of the circuit operation

Capacity

One sync or async DCE(modem) at a time

Interface

RS-232, RS-530, V.35 and X.21

** V.35 and X.21 may require adapter cable

Data Rates

RS-232 up to 128Kbps

RS-530, V.35 and X.21 up to 2.048Mbps

Data Format

Data transparent at all data rates

Switches

None

Physical Interface

RS-232: Male DB-25

V.35, RS-530 and X.21: Male DB-25

Power Source

Line Powered from existing equipment - Draws 8ma - No AC power required

Indicators

DCD/RLSD, DSR, Data and Clock

Environmental

Operating Temperature....32° to 122° F (0° to 50° C)

Relative Humidity.....5 to 95%

Non-Condensing

Altitude.....0 to 10,000 feet

Dimensions

Height 0.50 inches (1.27 cm)

Width 1.75 inches (4.44 cm)

Length 4.00 inches (10.16 cm)

Weight

1/2 pound (0.228Kg)

Warranty

Three Years, Return To Factory

ORDERING INFORMATION

Part Number: 128000

Model: DTS

Description: Data Test Set

INCLUDED WITH EACH UNIT:

1) Installation Guide

For further detailed technical information on this product, contact East Coast Datacom Technical Assistance toll free at (800) 240-7948.

OTHER EAST COAST DATACOM PRODUCTS

MODEM AND PORT SHARING DEVICES

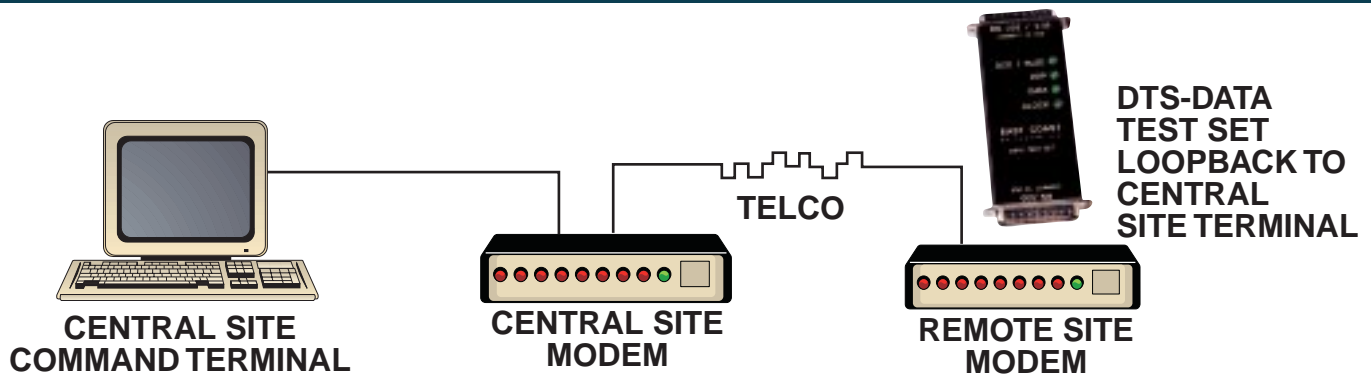
LINE DRIVERS

SIGNAL REGENERATORS

DATA BROADCAST UNITS

ROUTER DELAY SIMULATOR

EAST COAST DATACOM DESIGNS AND MANUFACTURES DATA COMMUNICATION EQUIPMENT FOR YOUR NETWORK REQUIREMENTS.



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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