LANMASTER™ 20

LINK TESTER

FAST ETHERNET TEST TOOL FOR

MANAGING AND MAINTAINING NETWORKS

- **Identify LAN Equipment Configuration**

- **Verify Link Operation**

- **Display Level of Fast Ethernet Support**

- **Detect Reported Faults**

LANMASTER LINK TESTER

The *NEW* LANMASTER 20 Link Tester from Psiber Data Systems provides LAN Installers and Maintainers a tool to quickly test Fast Ethernet (100baseTX) and Standard Ethernet (10baseT) links. Fast Ethernet LAN products have a wide range of new features and capabilities. Auto-sensing, Auto-negotiation and Full Duplex capabilities are optional requirements to the Fast Ethernet (IEEE 802.3u) standard. Knowing equipment capabilites is essential to optimizing network system performance. In just three seconds, the LANMASTER 20 decodes the Link Signals and displays the exact configuration of the equipment connected to the Link. The Model 20 also verifies Link connectivity to the far end, tests for reported faults and determines polarity of the outlet or cable.

psiber

FAST TESTS FOR FAST ETHERNET

Network Administrators and Technicians are continuously involved in Moves, Adds and Changes (MACs) that require connecting new or different hardware to the existing Local Area Network. The LANMASTER 20 identifies the configuration of the connected hardware without opening the computer to identify the model of the Nework Interface Card or finding manuals for the Hub or Switch. Wallplates with multiple outlets are rapidly tested for "live" links and far-end Fast Ethernet compatibility. The Model 20 also makes network maintenance easier by instantly displaying fault conditions reported by the far-end equipment.

MANAGE NETWORK CONFIGURATION

Fast Ethernet provides many new equipment features that can be configured during installation or operation. Auto-negotiation can be disabled, full duplex can be forced on continuously or the data rate can be manually selected. Tracking the current configuration for installed equipment is a time consuming network management task. The LANMASTER 20 provides critical equipment configuration information with a simple press of a button.

MOST NETWORK FAILURES ARE PHYSICAL LAYER PROBLEMS

The LANMASTER 20 is used on active networks to verify signals are actually being transmitted on the Link. Time spent troubleshooting node and segment problems is greatly reduced once physical layer connectivity has been verified. In addition, the LANMASTER 20 shows wiring polarity so that you know if you are connecting to the network or a node.

AFFORDABLE TEST SUPPORT

Every technician, service provider and installer can now afford to have Fast Ethernet test capability with the low-cost LANMASTER 20. Managing and maintaining high speed networks with the handheld Model 20 Link Tester is simple and at a price that fits even the tightest budget.

Test Features

LAN - Node to network polarity

* **100TX** - 100baseT half duplex

* **100FD** - 100baseT full duplex

NO LINK - No link signals

NIC - Network to node polarity

* **10TX** - 10baseT half duplex

* **10FD** - 10baseT full duplex

FAULT - Fault signal detected

* Two or more illuminated indicates auto-sensing/auto-negotiation capability.

Specifications

Physical Characteristics
Dimensions: 6.8 in. x 1.4 in. x 1.3 in.
                173 mm x 36 mm x 33 mm
Weight: 4.0 ounces
                114 grams

Power Supply
One 9 volt alkaline battery

Environment
Operating Temperature: 0° to 50°C
Storage Temperature: -10° to 55°C

Network Types
100baseTX (IEEE 802.3u)
10baseT
(Not for use with 100baseT4 equipment)

Connector Type
RJ-45

Cable Types
UTP/STP

Product design and specifications subject to change without notice.

Ordering Information

LANMASTER Model 20 Link Tester
Includes: Female-to-female RJ-45 coupler
           9 volt alkaline battery

Psiber Data Systems Inc
7075-K Mission Gorge Road
San Diego, California 92120 USA

Phone: 619-287-9970
FAX: 619-287-9978
Internet: http://www.psiber.com
e-mail: info@psiber.com