Metallic Cable Testers
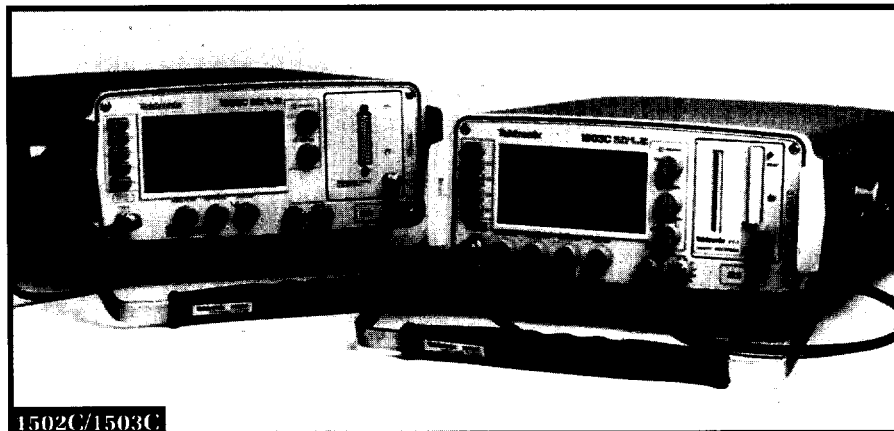
1502C/1503C

The 1502C/1503C MTDR Cable Testers combine portability and ease of use with the ability to test most dual conductor metallic cable under virtually any condition.

1503B/1503C
GENERAL PURPOSE CABLE TESTERS

These products generate a 1/2 sine pulse, with selectable pulse widths of 2, 10, 100, or 1000 ns. The high-resolution 2 ns pulse permits the identification of multiple faults as close together as one foot. The 1000 ns pulse gives the 1503C a range of 5,000 to 50,000 feet (depending on cable type and condition).

For most TDR applications, where determining distance to an impedance change is the key measurement, the 1503C/1503B are the best choices.

1502C/1502B ULTRA-HIGH-RESOLUTION TDRS

The 1502C and 1502B generate a 200 ps rise time step pulse and have an output impedance of 50 Ω. The fast rise time permits the identification of multiple faults as close together as 0.6 inches.

Sample Applications
LOCAL AREA NETWORKS

Cable and connector problems can be the biggest headache for the LAN installer. The 1503C's high-resolution 2 ns pulse will precisely identify problems in seconds. The calibrated vertical scale can help identify marginal components before they cause problems, and a return call.

ON-BOARD SYSTEMS

The ultra-high resolution of the 1502C or 1502B are perfectly adapted for testing critical wiring on board aircraft and ships.

MANUFACTURING QUALITY CONTROL

Manufacturers of circuit boards or precision cabling can quickly and accurately determine or verify the impedance characteristics of their products in a matter of seconds with the 1502C or 1502B.

1502C/1503C
1502B/1503B

- Direct Distance Readout – Accurate to Better Than 1%
- Intermittent Fault Monitor Mode
- High-Resolution LCD Display With Zoom
- Menu-driven Setup
- Help Mode
- Rugged Portability
- Calibrated Vertical Scale
- Optional Serial Interface
- Optional Internal Printer
- Noise Filtering

Custom configure to meet your needs.

ORDERING INFORMATION

1503C – Metallic TDR **$5,050**
1503B – Metallic TDR **$6,050**
1502C – Metallic TDR **$7,100**
1502B – Metallic TDR **$8,100**
Includes: AC Power Cord; 50 Ω BNC Terminator; Precision 50 Ω Cable (1502); 93 Ω Cable (1503); BNC-Cliplead (1503); Female-to-female BNC Connector; Spare Fuse; Operator's Manual; Accessory Pouch; Option Port Cover; Calculator Slide Rule.

Opt. 03 – Battery Pack .... **+$250**
1500C Series products meet environmental requirements of MIL-STD-28800C for Type III, Class 3, Style C, and utilize a high-performance internal gel-cell battery. 1500B Series products meet environmental requirements for Style A, and utilize a removable NiCad battery pack.

Opt. 04 – YT1 Chart Recorder .... **+$950**
Records all information displayed on LCD, including waveform and settings for a permanent record.

Opt. 06 – (1503 only) Live Ethernet testing capability .... **+$350**
Opt. 08 – Token Ring TDR Adapter (1503 only) .... **+$150**

Opt. 09 – USOC Adapter (1503 only) .... **+$150**
Opt. 10 – Token Ring Interface (1503 only) .... **+$150**
SP232 Serial Interface Module .... **+$350**
Provides a serial link to a host PC for remote control, waveform storage, and automated fault finding. Includes host software for IBM-compatible PCs.

SERVICE ASSURANCE OPTIONS
REP4400 – Provides one year of post-warranty Repair Protection .... **+$130**
CAL4400 – Provides one year of Calibration Services .... **+$145**
A wide range of other options and connectors is available.

INTERNATIONAL POWER PLUG OPTIONS
Opt. A1 – Universal Euro 220 V, 50 Hz .... **NC**
Opt. A2 – United Kingdom 240 V, 50 Hz .... **NC**
Opt. A3 – Australian 240 V, 50 Hz .... **NC**
Opt. A4 – North American 240 V, 60 Hz .... **NC**
Opt. A5 – Switzerland 220 V, 50 Hz .... **NC**
See Customer Information Section for additional description.

ISO 9001

Tektronix Measurement products are manufactured in ISO registered facilities.

METALLIC CABLE TESTERS