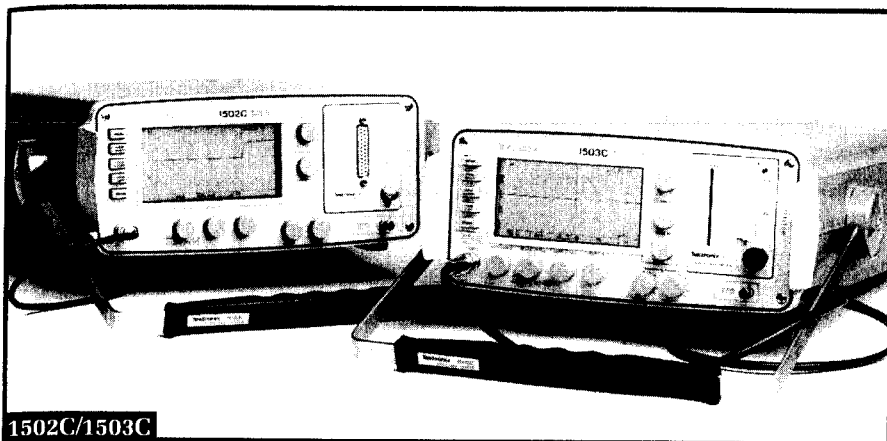


Metallic Cable Testers

1503C
1503B

1502C
1502B



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 choice.

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 risetime 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

1503B – Metallic TDR

1502C – Metallic TDR

1502B – Metallic TDR

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

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 – Y11 Chart Recorder

Records all information displayed on LCD, including waveform and settings for a permanent record.

Opt. 06 – (1503 only) Live Ethernet testing capability

Opt. 08 – Token Ring TDR Adapter (1503 only)

Opt. 09 – USOC Adapter (1503 only)

Opt. 10 – Token Ring Interface (1503 only)

SP232 Serial Interface Module

Provides a serial link to a host PC for remote control, waveform storage, and automated fault finding. Includes host software for IBM-compatible PCs.

WARRANTY-PLUS SERVICE OPTIONS

Opt. M1 – Extends warranty repair to three years plus two calibrations.

1503C/1503B

1502C/1502B

Opt. M7 – Calibration Service

1503C/1503B

1502C/1502B

Opt. M9 – Repair Protection

1503C/1503B

1502C/1502B

A wide range of other options and connectors are available.

To order, contact your
local sales office (listed
on pages 534-537).