

TEKTRONIX

1502C

Tektronix 1502C is a portable Metallic Time Domain Reflectometer (MTDR) for testing metallic cables. It locates opens, shorts, crimps, and other impedance-related defects and displays reflections on a backlit, high-contrast LCD, with waveform storage and on-screen delta measurements for analysis.

SPECIFICATIONS

General

Display	Backlit HyperTwist high-contrast nematic (HTN) LCD
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Measurement Performance

Applicable Cable Type	Designed for 50 Ω coaxial cables
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Measurement Functions and Analysis

Distance to Fault (DTF)	Supported
Open/Short Identification	Supported
Crimp/Impedance Change Detection	Supported
Unterminated Line Detection	Supported
Ω at Cursor	Direct readout of characteristic impedance at cursor
TDR Waveform Display	Reflections displayed on LCD

TDR Source and Acquisition

TDR Method	Step/pulse reflectometry down the cable under test
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User Interface and Display

Display Type	Backlit HyperTwist high-contrast nematic LCD
Backlight	Yes
Menu-Driven Operation	Yes

Physical Characteristics

Form Factor	Rugged, portable; designed for field use
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TECHNOLOGY

Metallic Time-Domain Reflectometer (MTDR)

APPLICATIONS

Locating opens, shorts, crimps, faulty taps, and unterminated lines in metallic cabling (e.g., LAN and CATV); distance-to-fault, return loss (dB), and cable propagation velocity measurements.

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.