

TX2001

TDR / Toner - Cable Fault Locator

The Lowest Cost
Graphical TDR / Toner
in its Class



Lowest Cost Full Specification
Professional Graphical TDR

Rugged Palm-Top design
weighs less than 350g (12oz)

5 Measurement Ranges up to
3000m (10,000ft)

50, 75 & 100 Ohm
Selectable Cable Impedance

Built in Tone Generator for
Pair Tracing and Identification

Suitable for testing all
Communication Cables

Water and Dust Proof to IP54

Complete with tool-belt holster
and test leads

“The smallest graphical TDR’s in the world”

 **BI Communications**
Innovation through Technology

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Description

The TX2001 is a professional Time Domain Reflectometer and Toner designed to detect and locate faults on copper communication cables up to a distance of 3000m (9600ft).

Advanced signal processing techniques enable the TX2001 to find opens, short circuits, splices, taps, water ingress and other more elusive impedance mismatches. A built in oscillator also provides a tone for pair tracing and identification.

Selectable cable impedance matching, along with variable velocity factor, enable the TX2001 to be used to test all communication cables, including twisted pair and coaxial, with graphical results and fault distances displayed on a dot matrix LCD.

The TDR/Toner is housed in a tough, ruggedised ABS plastic moulding, water and dust proof to IP54, and supplied complete with test leads and a protective tool-belt holster.

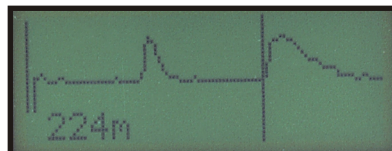
The TX2001 is designed and manufactured to international standards for quality, safety and reliability.

Specifications

Ranges @ Vp=70%	180, 360, 720, 1440 & 2880m 600, 1200, 2400, 4800 & 9600ft	Power Supply	6v 4 x AA cells
Range Selection	Automatic range control	Auto Power Down	3 minutes
Resolution	Approximately 1% of range	Operating Temperature	0 to 40 deg. C
Sensitivity	min. 3 pixel return at 2km (6 kft)	Storage Temperature	-20 to 70 deg. C
Velocity Factor	Adjustable from 20% to 99%	Dimensions	165 x 90 x 37mm
Output Pulse	5v p-p into open circuit	Weight	350gms (12oz)
Output Impedance	Selectable 50, 75 & 100 ohms	Safety	IEC61010-1 EN 60950
Output Pulse Width	25ns min. 1.6us max.	EMC	BS/EN 61326-1
Scan Rate	5 scans per second	CE compliance with current EU directives	
Tone Generator	Oscillating 810 - 110Hz	Water / Dust Proof	IP54



Complete with tool-belt holster and croc clip adaptor



Graphical display of cable faults with digital indication of distance

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ISO9001

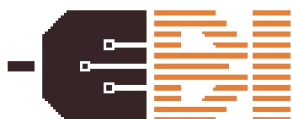
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CE

Approved



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Cable Fault Locating Products

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