

Handheld Cable Fault Locator



- Easy operate membrane switch
- Auto power off and Lo-Batt indicator
- High resolution display
- Maximum range up to 3 km

- TDR-44 is handheld battery powered Time Domain Reflectometer which accurately locate fault on twisted metallic pair cable in graphics
- Innovative features result in a versatile test instrument that is easy to use
- Fault such as Open, Short, splices, taps, water ingress and other more elusive impedance mismatches are measured in meter or feet by principle of transmit and reflect of pulse signal
- Clear LCD display with backlight facilities and ability to operate down to -20°C
- Variable Propagation Velocity Factor (PVF) 0.01-0.99
- Accuracy 0.9%
- Automatic varied of Pulswidth
- Lightweight 550g and durable in Fiberglass case



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Technical Specifications

Measure Range:	100, 300, 1000, 3000m and Auto range
Accuracy:	0.9% of Range
Resolution:	1% of range
Gain:	Auto Set across screen
Output Pulse:	5V nominal in open circuit
Velocity Factor:	Variable from 0.01 to 0.99
Output impedance:	120 Ohm
Pulse Width:	Automatically varied
Connectors:	Two 4mm safety terminals
LCD Display:	128x64 graphic LCD with backlight
Update Rate:	Once per second
No touch shutdown:	5 minutes
Display view area:	44 x 62 mm
Power supply:	Batteries 6 AA alkaline or nickel- cadmium cells
Battery Low indicator:	6.5V nominal
Safety:	Withstands 250V AC/DC, and Telephone ringing signal



Environment

Operating temp:	-20 to +60° C
Storage temp:	-30 to +70° C
Humidity:	93%

Physical

Case Dimensions:	210 x 100 x 50 mm
Case Material:	Fiberglass Nylon 6/6
Weight:	550g (with batteries)
Leads:	2 metres safety plug - clip



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