

TDR-44**Handheld Cable Fault Locator**

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

- TDR-44 is handheld battery powered Time Domain Reflectometer
- 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 meters 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 Pulsewidth
- Lightweight 550g and durable in Fiberglass Nylon 6/6 case

TDR-44



Technical Specification

Measure Range: 100, 300, 1000, 3000m
and Auto range

Display view area: 44x62 mm

Power supply: Batteries 6 AA or
nickel- cadmium cells

Accuracy: 0.9% of Range

Battery Low indication: 6.5V nominal

Resolution: 1% of range

Voltage protection: Withstands 250V AC/DC
And Telephone ringing

Gain: Auto Set across screen

Electrical Safety: IEC 61010-1
EN 60950

Output Pulse: 5V nominal in open circuit

Closure protection: EN 60529 IP54

Velocity Factor: Variable from 0.01 to 0.99

EMC: EN 61326 : 1997+A1+A2
+A3

Output impedance: 120 Ohm

Environment

Operating temp: -20 to +60°C

Pulse Width: Automatically varied to range

Storage temp: -30 to +70°C

Humidity: 93%

Connectors: Two 4mm safety terminals

Physical

LCD Display: 128x64 graphic LCD
with backlight

Case Dimensions: 210 X 100 X 50 mm

Case Material: Fiberglass Nylon 6/6

Weight: 550g(with batteries)

Update Rate: Once per second

Test Leads: 2 metres safety plug - clip

Carry pouch: Soft Vinyl

No touch shutdown: 5 minutes