

# TX2003

## Time Domain Reflectometer Cable Fault Locator



- 6 km (19,000ft)
- 0.5mtr dead Zone
- Selectable Cable Impedance
- User Variable Gain Control
- Warble Tone Generator
- Rapid Fault Location
- 128 x 64 LCD with Backlight
- Environmental Protection IP54
- CE Approved
- 3yrs Manufacturers Warranty
- Soft bag & Test Leads

### Product Description

The TX2003, 6km (19,000ft) range Time Domain Reflectometer weighing only 350 grams (13oz) fits neatly into the hand. With its 128x64 pixel backlight display, provides accurate and easy to read fault locations on metallic cables. With a 3 nano second pulse, rise time "near end" cable faults can be clearly identified without the need to suppress the transmitted pulse. Housed in a rugged IP54 rated ABS enclosure, the TX2003 is suitable for outside use.

Using pulse widths and gain settings which are pre determined for the length range selected and with only 5 operating buttons, all major operating and setting parameters can be easily accessed. In addition to the pre determined gain settings there is a user variable gain control to further enhance the displayed trace. A 6km cable run can be scanned in seconds, allowing the operator a view of the cable run, yet arriving quickly to the fault. By using the TX2003 scan lock facility, cable can be continually scanned or the trace held for closer analysis. To enable the TX2003 to test all metallic cables, four user selectable output impedances are provided 25, 50, 75 & 100 ohms.

Faulty cables may be traced using the TX2003 warble tone feature, an oscillating tone is injected into the suspect power or transmission line and by using a commercially available tone tracing probe the suspect line can be identified.

# "Measuring to new lengths"