



Model 1550

Metallic Time Domain Reflectometer Cable Fault Locator

Your Effective, Economical Solution.

FEATURES/KEY BENEFITS

- **Low cost** - Increase productivity by equipping more technicians with their own TDRs.
- **Ergonomic design** - Designed to be held comfortably in one hand. Large, well-spaced buttons are easy to use.
- **Small size** - Easy to carry. Compact styling makes it convenient to use in tight spaces.
- **Modular test lead design** - Adaptable to a variety of industries and applications. Modules are available for twisted pair, coaxial cable, and power cable use.
- **Durable, weather-resistant housing** - Suited to indoor and outdoor usage. Rugged plastic case stands up to everyday use.



Radiodetection
Riser Bond

Model 1550

Compact Handheld TDR

Product Specifications

Physical Dimensions:

Width: 4 inches (100 mm)
Height: 9.8 inches (250 mm)
Depth: 2.2 inches (55 mm)
Weight: 1.3 pounds (600 g)

Power: Six AA Alkaline batteries

Environment:

Operating temperature: -20° C (-4° F) to +55° C (+131° F)
Storage temperature: -30° C (-22° F) to +70° C (+158° F)
Humidity: 93% relative humidity at 40° C

Display:

128 x 64 dot-matrix, liquid crystal display (LCD) with backlight

Ranges:

33 ft (10 m)	98 ft (30 m)
330 ft (100 m)	980 ft (300 m)
3300ft (1000 m)	9800 ft (3000 m)

Ingress Protection

Water resistant to BS2011, Part 2.1 R.IEC 68-2-18, Test Ra

Cursor: Single, vertical line

Resolution: 1% of range

Gain: Automatic; varied across screen

Pulse Amplitude: 5V nominal when unterminated

Output Impedance: 25, 50, 75, and 100Ω switchable

Velocity of Propagation: Adjustable from .20 to .99

Output Sockets: 2 x 4 mm on 19 mm pitch

Output Pulses: 7 nsec to 2000 nsec selected according to range

Distance Accuracy: +/- 0.9% of range

Safety: EC Directive 73/23/EEC, as amended by 93/68/EEC
BS EN 41003: 1997

Accessories:

Standard: Operator's manual, Weatherproof shoulder bag with belt loop, 6 AA batteries.

Optional: Fused blocking filter test lead for live power cable to 600 VAC, 50 ohm test lead for coax cable and unenergized power cable, 75 ohm test lead for coax cable, 100 ohm test lead for twisted pair cable, BNC to F adaptor, Extended warranty.

Technological advances allow changes in specifications and/or components. Changes may be made without notification.

MAINTAINING THE CONNECTION

At Riser Bond Instruments, our first commitment is to you, our customer.

We start with product. Riser Bond builds our entire line of high-performance test equipment to meet your unique needs. And then we back them all with training, technical support, and the most comprehensive customer service and warranty in the industry.

When you choose Riser Bond, you have decades of product design knowledge and field experience inside every one of our state-of-the-art test instruments, and a guarantee of expert service after the sale. Riser Bond...maintaining the connection.



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ISO 9001 REGISTERED

261-0004-02