

Riser Bond Model 1550

METALLIC TIME DOMAIN REFLECTOMETER CABLE FAULT LOCATOR

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.



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) 3300 ft (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 Compliant
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.

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