



# 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.



**Riser Bond**

AN SPX BRAND

# 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 100? 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.



## Riser Bond

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## World leaders



Radiodetection is a proud member of the SPX group of companies, which provide technical products and service solutions worldwide.

Radiodetection and its associated companies specialize in the design and manufacture of products for the location and maintenance of underground pipes and cables. Our aim is to be viewed as the supplier of choice of 'high performance' quality equipment using advanced product technologies. We are also committed to both design innovation and customer support.

## Technical support



Radiodetection equipment users have easy access to technical support. A call to your regional representative, or the Radiodetection head office, will put you in contact with our team of field-experienced technical experts.

## Servicing and repair



Radiodetection has a team of factory-trained service technicians and dedicated service facilities. Turnaround is fast, and costs are very competitive.

## Training



Product training for your operators and training personnel is available on your site, or at Radiodetection's headquarters. Training is with qualified instructors and each trainee receives a certificate to confirm they have received the training.

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