

Model 1000

Metallic Time Domain Reflectometer
Cable Fault Locator



“Engineered for the Test of Time”



Product Specifications

Physical Dimensions:

Height: 7 inches (180 mm)
Width: 4 inches (100 mm)
Depth: 1.75 inches (44 mm)
Weight: 0.75 pounds (0.34 kg)

Power: Four AA Alkaline batteries

Environment:

Operating temperature:
0° C (+32° F) to +55° C (+131° F)

Storage temperature:
-30° C (-22° F) to +70° C (+158° F)

Display:

3 1/2 digit Liquid Crystal Display (LCD) with
0.4 inch characters; indicators for powered cable,
open/short, low battery, feet/meters

Output Pulse: Less than -7V, 20 nsec

Sensitivity:

<20 dBRL in the least sensitive mode
>40 dBRL in the most sensitive mode

Distance Accuracy: +/- 1% of reading

Maximum* Readability:

1 ft/.1 m resolution:

1999 ft (199.9 m) (coaxial and twisted pair)

1 m resolution: 1999 m (coaxial)

1 m resolution: 800 m (twisted pair)

** Maximum testable cable length will vary with cable type and gauge.*

Input Protection: Up to 250 volts

Velocity of Propagation:

Thumbwheel switch adjustable from .01 to .99 in .01 increments.

Output connector: Front panel female BNC.

Standard Accessories:

Operator's manual, Padded carrying case, 4 AA batteries, BNC to F, 6' BNC to alligator clips (coaxial) or 6' BNC to Telco-standard alligator clips (twisted pair).

Optional Accessories:

BNC to Binding post, 6" BNC to alligator clips, 15' BNC to alligator clips, Modular Jack to BNC Selector, Extended warranty.

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

Applications

Model 1000 is a multipurpose metallic time domain reflectometer, cable fault locator. Model 1000 provides fast and accurate troubleshooting results in a compact, rugged, and economical package.

Model 1000 will locate both major and minor cabling problems including sheath faults, broken or loose conductors, water damage, crimps, cuts, smashed cables, shorted conductors, and system components.

This handheld TDR is great for troubleshooting your cable plant or as a digital tape measure for measuring cable on the reel or already installed.

Model 1000 can be utilized in a variety of industries and applications including telephone, CATV, LAN, land mobile, cellular, avionics, and many others. Model 1000 will help install and maintain virtually all types of cabling systems.