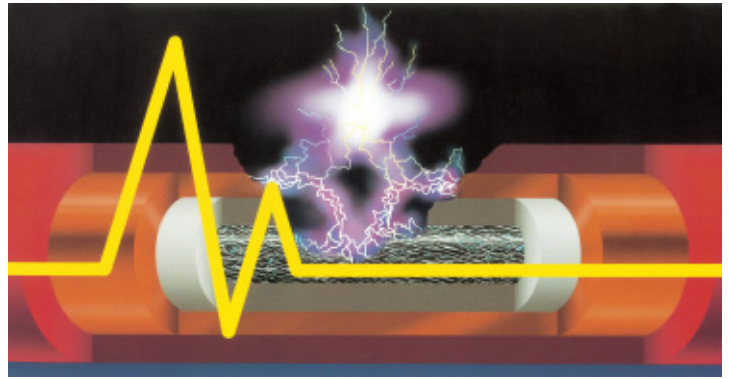


T 3050
T 3050 T
T 3050 SX
T 3050 SX-T



Digital Time Domain Reflectometer



New!
Automatic Fault Distance
Automatic "Open," "Short," &
Cable End Detection
Automatic Loop Sectionalizing**
Automatic Gain
One-Button Operation
X Model with 100,000 ft. range
**Patent No. US 6,683,459 B2

HDW  **ELECTRONICS, INC.**
CABLE TEST AND CABLE FAULT LOCATING TECHNOLOGY

sebaKMT
Group Company

Technical Specification T3050, T3050 T, & T3050 SX, T3050 SX-T

Using a radar to pre-locate faults will save time and reduce cable damage. The **T3050** is designed to be the most user-friendly radar on the market! Advanced features include One Button Operation, Automatic Gain and a Large Color Screen. The T3050 will automatically 'read' the cable and display the fault distance with a single thump. The interactive '**Step-By-Step Easy Mode**' will help train (or re-train) the occasional user **while he is on the job!** The optional '**Sectionalize Mode**' will quickly sectionalize faults in loops or radial systems.

Measuring Range:

Continuously from 0 ft. to 25,000 ft.
all X Models 0 ft. to 100,000 ft.

Locating Methods:

ARM[®] (HV Arc Reflection Mode)
Surge Pulse (T3050 SX and T3050 SX-T)
LV TDR (use for secondary fault locating)

Pulse Width:

Automatic with range selection or manual
50 ns, 100 ns, 200 ns, 500 ns, 1 μs,
2 μs, 5 μs, 10 μs

Pulse Shape:

special shape for high resolution

Sampling Rate: 100 MHz

Accuracy:

< 2.5 feet depending on displayed range

Screen:

High Brite 900 nit, VGA Color TFT
LC-Display, 10.4" diagonal

Velocity of propagation:

Via cable menu or manual between
140 ft/μs ... 492 ft/μs

Display Choices:

live trace always visible,
reference trace, fault trace,
(with trace alignment)

PC Communication:

Via RS 232C interface
Windows[®] based PC Software (incl.)

Operation Modes:

Quick Steps™

NO radar adjustment required
Automatic fault distance location
Automatic "short" or "open" assessment

Step-by-Step Easy Mode

Unique on the job/on screen tutorial

Full Feature

Individual adjustment of all features for hard
to find faults and optimum results

Sectionalizing** (T3050 T and T3050 SX-T)

Automatic sectionalizing in loops

Surge Pulse (T3050 T and T3050 SX-T)

Impulse/Current fault locating

Convenient Features:

Automatic Gain adjustment
Automatic Start marker home position
500% zoom
Storage of 60 traces and PC interface
Simultaneous 3 phase comparison

Power Requirements:

115 V / 230 V, 50 / 60 Hz

Operating Temperature:

-5 F to 105 F (-20 °C + 40 °C)

Dimensions: 11.0" x 14.5" x 6.0"

Weight: 17 lbs.

ARM[®] is a Trademark of HDW Electronics, Inc.

Quick Steps™ is applied for Trademark by HDW Electronics, Inc.

** Sectionalizing, Patent No. US 6,683,459 B2

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Subject to changes without notice

Your Local Representative is: