

# FaultCaster TDR and Fault Locator

Product Images

Product Code: C00-1338



## Short Description

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### High Resolution and Long Range in one TDR

The FaultCaster is a palm-top Digital Time Domain Reflectometer designed to detect and locate faults on all types of copper cable up to a distance of 2000m (6,000ft) and is essential for measuring residue from old reels of cable

Fast-Edge Step TDR technology enable the FaultCaster™ to identify opens and short circuits, and directly indicate the fault distance on an alpha-numeric LCD, with better range and resolution than existing products. An internal library of standard cable types enables accurate measurements on cables without the necessity of entering Velocity Factor information. In the event that the FaultCaster is connected to a live cable a warning will be displayed, and alarm tone sounded and testing inhibited. The FaultCaster incorporates an oscillating tone generator, that is detectable using a standard tone probe, for use in the tracing and identification of pairs within a cable.

It is housed in a tough, ruggedised ABS plastic moulding, water and dust proof to IP54, and supplied complete with test leads and a protective tool-belt holster.

The FaultCaster is designed and manufactured to international standards for quality, safety and reliability. Formerly C00-8440

- Range @  $V_p=70\%$  2000m (6000ft)
- Power Supply 6v 4 x AA cells
- Resolution (m) 0.1m up to 100m, then 1m
- Battery Life Indication 0 to 100%
- Resolution (ft) 0.1ft up to 100ft, then 1ft
- Auto Power Down 4 minutes
- Accuracy  $\pm 2\%$ \* Battery Life 100+ hrs Cont.
- Cable Library 39 Standard Cable Types
- Operating Temp. 0 to 40 deg. C
- Velocity Factor Adjustable from 0% to 99%
- Storage Temp. -20 to 70 deg. C
- Output Pulse 5v p-p into open circuit
- Weight 350gms (12oz)
- Output Impedance Automatic compensation
- Dimensions 165 x 90 x 37mm
- Output Pulse Nanosecond rise step function
- Water/Dust proof IP54
- Display Graphical LCD
- Safety IEC61010-1 EN60950
- Tone Generator Oscillating 810 - 1100Hz
- Voltage Warning >10V ac/dc
- EMC BSEN 61326-1

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