

FAUL ASTER DATA PAGE

“High Resolution and Long Range in one TDR”

Description

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).

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.

Specifications			
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	+/- 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
Tone Generator	Oscillating 810 - 1100Hz		EN60950
Voltage Warning	>10V ac/dc	EMC	BSEN 61326-1