

TFL 9 Cable Fault Pre-locator



Description

TFL 9 Power Cable Fault Locator is a portable, easy to use cable fault pre-location instrument. It uses the time domain reflection (TDR), multiple impulse method (MIM), and Impulse current method (ICM) on low, medium and high voltage cables. Its measuring ranges enable pre-location on cable lengths from 0 m to 64km.

TFL 9 is operated via function keys and touch screen, it is fully menu guided. This instrument is supplied with rechargeable lithium cell batteries.

Application

It is used for pre-location of short circuit, open circuit fault distance in TDR mode and low insulation / high resistance / flashing / intermittent fault in ICM / MIM mode with the help of suitable surge tester in power transmission and distribution network cables.

Features

- Measuring method**
- Pulse Reflection Method
 - Multiple Impulse Method
 - Impulse Current Method
 - Interactive menu-guidance
 - Touch screen and color LCD
 - Measuring range up to 64km
 - Host and slave USB port for communication and memory.
 - Memory no less than 100 records

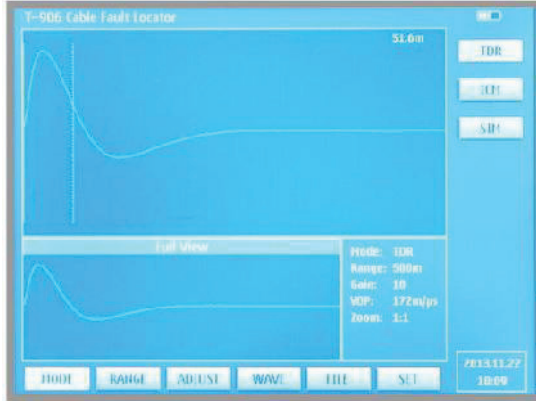


Standard Accessories

- Current Coupler
- Coupler Cable
- Charger
- Testing Cable
- Carrying case
- Instruction / User Manual

Standard Warranty	One Year
Other models available	Cable Fault Pre-locator TDR 4000 TDR, ARC, ICE, DECAV Measuring Range - 120 km

Graph



Specifications

Voltage of transmitting pulse	30V	Location Error: TDR and MIM mode	≤±1m when detecting range ≤4 km ≤±4m when detecting range >4 km
Width of transmitting pulse	40nS – 7us	ICM mode	≤±4m when detecting range ≤4 km ≤±16m when detecting range >4Km
Voltage withstand	400V AC (50/60Hz)	Charging Voltage	Input: 110 – 265V AC Output: 8.4V±10%DC
Output impedance	5 - 80 Ohm	Operation time of rechargeable batteries	Approx. 5 h
Measuring range	0 – 64km	Operating temp.	-20 ~ +50 °C
Sampling rate	200MHz	Storage temp.	-40 ~ +60 °C
Propagation velocity	90-300m/μs	Languages	English
Number of Echograms Memories	> 100	Type of protection	IP 54 Splash proof and dust protected
Display	8.4 inches, 640x480dots, Touch screen and Color LCD	Dimensions	330mm x 305mm x152mm
		Weight	3 Kg Approx

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