

TFL 6

Power Cable Fault Locator



Latest Pulse reflection instruments in TFL series use microprocessor controlled menu driven, digital technology to offer precise faults distance on any type of cable. These instruments independently locate Low resistance and open circuit faults. They can be successfully used on high resistance, intermittent and flashing nature faults, by coupling with High voltage instruments.

Features

- Two work modes selectable, low voltage pulse reflection (ECHO) / Time Domain Reflectometer (TDR), Impulse current (ICM) mode can be applied to all kinds of power cables
- TDR auto detection: advanced & precise fault distance measurements
- TDR manual detection : Easy and straightforward, complement with auto detection
- Breakdown mode can automatic locate fault distance
- PC compatibility ensures waveforms can be analyzed, stored and re-loaded
- Gain can be adjusted
- User friendly menu driven operation
- Internal battery capable of working for 5 hours continuously
- Big LCD display with backlit facility
- The waveform can be printed out with a mini printer supplied with the instrument
- Compact, light weight, splash proof molded cabinet

Specification

Measuring range	:	40 Km
Accuracy	:	$\leq \pm 1$ m of range at 1 Km $\leq \pm 0.25\%$ of range at 40 Km
Blind Area	:	≤ 10 m
Battery	:	Internal rechargeable Lithium battery provides 5 hours operation
Internal charging voltage	:	Input 230V AC $\pm 10\%$, 50Hz
Power	:	3.5 W
Environmental temperature	:	-10 ~ +50 deg C
Dimensions	:	330 mm X 305 mm X 152 mm
Weight	:	6 Kg