

# REFLEKT

## Automated Pulse Echo Fault Locator

**REFLEKT** makes fault location more efficient, effective and practicable than ever before, even on complex networks.

The Low Voltage Distribution Network is the most complex cable network in regular use today, meaning fault location can be very difficult indeed.

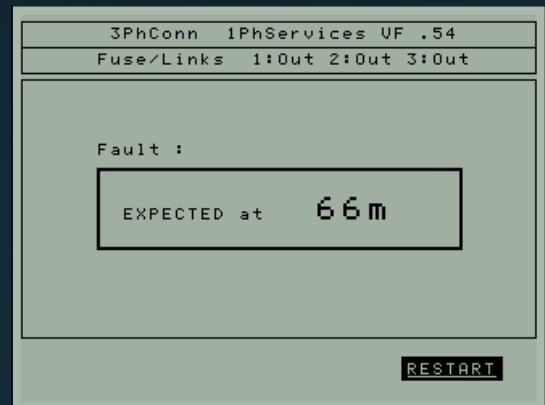
It can take many years of training and experience before an engineer is confident of finding faults, while the pressures on the modern utility & personnel mean this expertise may not be readily available.

To ease these problems, CAMLIN has developed the **REFLEKT**, a unique automated cable fault locator based on well proven Time Domain Reflectometry (TDR) principles.

**REFLEKT** makes fault location more efficient, effective and practicable than ever before, even on complex networks.

- > Automated TDR
- > Simple to use
- > Portable & lightweight
- > Compatible with **REZAP FAULTMASTER**
- > 3 Phase option available

**REFLEKT** offers industry-leading capability and flexibility for experienced staff, whilst providing simple and fast automated test capabilities for less experienced staff.



Typical fault found with REFLEKT



REFLEKT fault finding



camlin energy

[www.camlingroup.com](http://www.camlingroup.com) || [mail@camlingroup.com](mailto:mail@camlingroup.com)

### UNIQUELY SIMPLE TO USE:

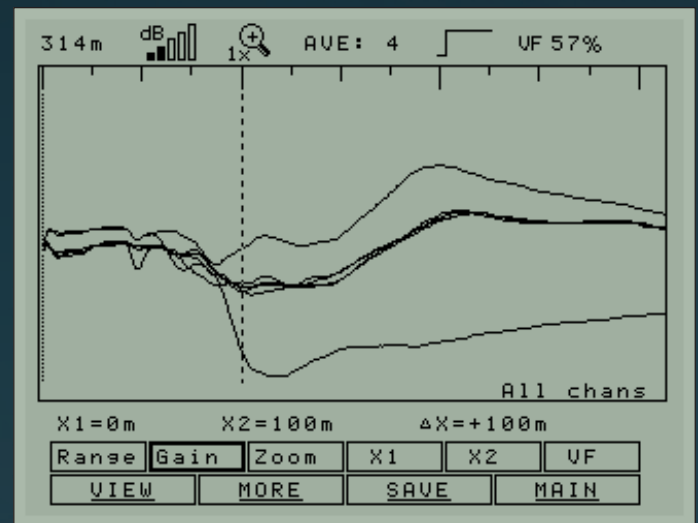
- > Automated fault location – no manual interpretation of complex TDR traces
- > Simple user interface and display
- > Simple connection to all available lines – no changing to compare pairs
- > Confidence level in result displayed to assist decisions

### FLEXIBLE AND AFFECTIVE:

- > Manual 'Expert' mode available – access to full traces for expert verification
- > Copes with wide variety of cable, networks and fault types
- > Used on single phase, 2 phase or 3 phase networks and on both energised and de-energised cables



REFLEKT fault finding



REFLEKT Expert Mode allows full manual control of all TDR parameters and live comparison of all 6 conductor combinations

### SPECIFICATION

Live working	Suitable for live working
Display	Monochrome transfective QVGA 320x240 pixels
Data input	Number of phases, link/fuse in or out, velocity factor of cable, fault type
User interface	Insulated rotary control
Battery capacity	4600mAh
Battery type	Li-Ion
Charging arrangements	12V DC charger lead or multivoltage AC charge-adaptor (both supplied)
Charge time	4 hours
Environmental spec	Operational range -20 °C to +60 °C
Water ingress	IP65