



H.V. TEST

Specialists in High Voltage
Testing & Diagnostics

IR2100

Portable Reflectometer for MV Cables

Projects

Repairs

Services

Training

Products

The primary objective of the use of reflectometry is to pre-locate a power cable failure in a fast and accurate way so as to ensure optimum basis for further pinpointing.

Filters: ARM filter (Arc Reflection Method), DECAy filter (voltage decay reflection), Inductive coupling for Impulse Current Method (ICE).



Features:

- Colour LED backlight screen.
- Easy operation through its touch screen.
- Compatible with all existing pre-locating systems.
- Compatible with all existing locating systems.
- Simple operation
- Compact, portable and lightweight equipment
- TDR - ICE - ARM – DECAy technology
- Display of up to 4 different measurement curves
- USB port connection
- Step selectable digital filtering
- High resolution thanks to the fast sampling frequency of 80 MHz
- Internal compensation for a good representation of surrounding areas
- 1 GB memory for correct measurement storage.

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TECHNICAL SPECIFICATIONS

RMA TR Transmitter

- Measuring ranges 1000 m to 250 Km @ 80 m/μsec
- Pulse width 150ns at 8μs
- Pulse amplitude 20Vp a 100Vp
- Resolution 1 m @ VP2=80m/ segμ
- Sampling frequency 80 MHz
- Methods TDR, ICE, ARC and DECAY
- Output impedance 50 ohm
- Measurement Movable cursors on screen
- VP/2 Adjustable between 50 m/μsec-150m/μsec
- Zoom Yes
- Memory > 1,000 reflectograms
- Connectors USB 2.0 - BNC
- Display high-contrast TFT LED backlight colour screen,

Optional

The TS 80 reflectometer is available in its 19-inch version, and it is suitable for 19-inch rack measurement systems.

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