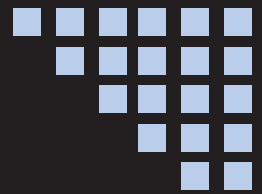


Multi-Function Cable Fault Locator



Model No.: NCM-1000

Multi-Function Cable Fault Locator (Model No.: NCM-1000)

NanoTronix's Multi-function cable fault locator (Model No.: NCM-1000) is an excellent and highly accurate portable measuring instrument to check problem and distance to events on cable using three testing methods: Metallic Time-Domain Reflectometer (MTDR), Resistance Fault Locator (RFL) and Open mode. It also provides additional three functions, found in DMMs (Digital Multi-Meters): DC voltage measurement, resistance measurement and capacitance measurement.

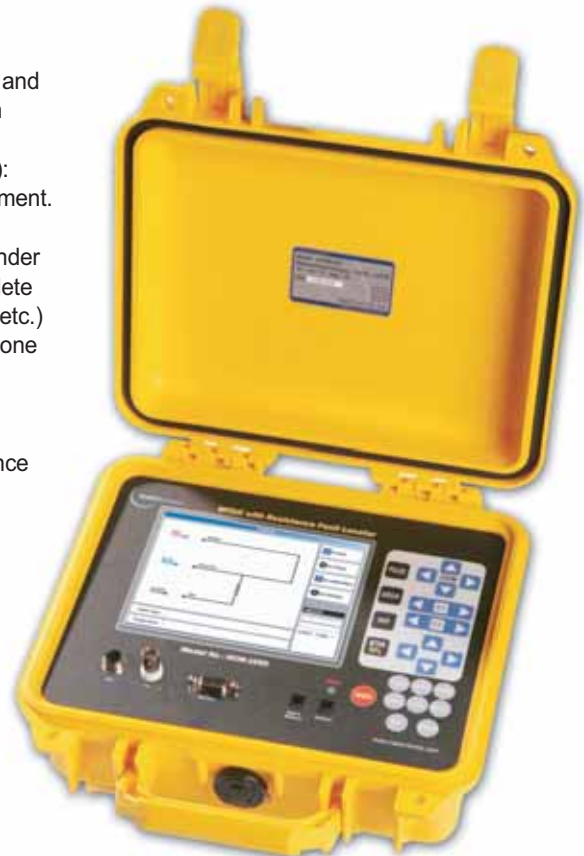
The MTDR shows the continuity of characteristic impedance along the cable under test applying electrical pulses, which is ideal for checking faults (such as complete open & short, partial open & short, loose connection, broken lines, loading coil etc.) on any cables which consist of at least two metallic conductors (such as telephone lines, power lines, UTP networks, CATV or CCTV, lines etc.).

The RFL figures out the total length and distance to the insulation resistance reduction point on cables with three metallic conductors. It calculates the distance and insulation resistance with high accuracy via Murray Loop Testing method.

The Open mode calculates the total length or distance to an open circuit of extremely long cables up to 100km. It measures the total capacitance of the cable under test and converts it to distance based on the information about capacitance per unit length of the cable.

NCM-1000 performs all the measurement process automatically and displays the results in the graphic and tabular forms through a color graphic TFT LCD screen with 640x480 pixel resolution. The instrument is designed to make the user determine easily the conditions of the cable being measured.

NCM-1000 is an excellent instrument for the cable installation, maintenance, repair after fault finding regardless of the cable installation environment.



Metallic cable test instrument

- MTDR (Metallic Time-Domain Reflectometer)
- RFL (Resistance Fault Locator)
- Open Mode
- Measuring DC voltage & resistance & capacitance

Features

- ◆ TDR mode
- ◆ RFL mode
- ◆ Open mode
- ◆ Capacitance measurement
- ◆ DC Voltage measurement
- ◆ Resistance measurement
- ◆ Easy to use, lightweight and compact
- ◆ 6.4" TFT color LCD display
- ◆ RS-232C upload port
- ◆ LCD indicator for battery time
- ◆ Selectable auto-off time
- ◆ Waveform trace and diagnosis
- ◆ Rugged and waterproof packing
- ◆ Optional spare battery for doubling operating time
- ◆ PC software for further analyzing, reporting and printing

Technology at the speed of light

