TX6000 TDR Cable Fault Locator

Product Images

Product Code: C00-1340

Short Description

The TX6000 is a hand held Time Domain Reflectometer with 11 range scales covering the range 0-6000

https://www.millsltd.com/default/tx6000-tdr-cable-fault-locator.html
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meters, with a 7 meter first range scale and a 0.5 meter dead zone near and far end faults are clearly displayed on its 128x64 pixel back light Liquid Crystal Display.

USB 2.0 interface with Windows compatible software "TraceXtra" gives the user an option to download and analyse saved traces to a windows PC. Also the interface allows the user to upload saved traces from PC hard disk to the unit. New firmware upload feature gives the facility to update the unit (TDR) with recent additions.

Designed for identifying and locating faults on all metallic cables with two or more insulated conductors. The TX6000 has impedance matched circuits for 25, 50, 75 and 100 ohms and with velocity of propergation settings from 1-99% (or the equivalent in feet or meters/micro second) will cover the range of power, data, communication and CCTV cables.

Housed in a rugged IP54 rated ABS enclosure and weighing only 350 grams (12 ounces), the TX6000 is suitable for outside use.

- Ranges meters 7, 15, 30, 60, 120, 250, 500, 1km, 2km, 3km, 6km
- feet 23, 49, 98, 197, 394, 820, 1640, 3280, 6560, 9850, 19000
- Range Selection Manual range control
- Accuracy 1% of selected range
- Resolution Approx 1% of range
- Sensitivity Min 3 pixel return at 4km on 0,6mm , PE , TP
- Velocity Factor Adjustable from 1% to 99%
- Output Pulse 5 volts peak to peak. Into open circuit
- Output Impedance Selectable 25, 50, 75 & 100 ohms
- Output pulse Width 3 ns to 3 ms, Automatic with range
- Scan Rate 2 scans / second or scan held (not on 3km/6km range)
- Tone Generator 810 - 1100Hz
- Battery Life 60 hours continuous scanning
- Power Supply 6 volts 4 x 1.5 AA Alkaline cells
- Power Down Selectable 1, 2, 3, 5 minutes or disabled
- Back Lit Display 128 x 64 pixel
- Voltage Detection 250 volts AC
- Operating Temp -10

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