



IRM 232 PULSE REFLECTION METER

SPECIFICATIONS

Measuring ranges	0-25, 0-50, 0-100, 100-200,...1,900-2,000 m
Resolution	0.25 m · 0.5 m · 1 m · 5 m
Accuracy	1% of measuring range
Velocity factor	nvp 0.300-0.999 (10 factors can be stored)
Dynamics	40 dB
Impedance	75 Ohm
Output pulse	2.5V needle, 20 ns or 100 ns pulse ready
Power supply	6V/550mAh block battery
Weight	0.5 kg with battery
Dimensions	W: 30 mm, H: 84 mm, L: 157 mm
Scope of delivery	protective case, operating manual, power supply unit, transport case

For error finding in transmission lines

The Pulse Reflection Meter IRM232 locates irregularities, exposed lines and short circuits in antenna, data and energy lines.

Principle of measurement:

This instrument functions according to the time-domain procedure. It can be viewed as a closed radar system.

The measuring pulses fed into the cable are reflected from the non-uniformity of the cable impedance (cable errors) and shown on the display. Based on the form of the reflection and the time in which it moves, the type of the error and the error distance can be determined.

Antenna range:

Since the introduction of digital television, the accurate assessment of distributor links has become more and more important. Irregularities, which may be caused by cable pinches or bad coaxial connections, are a major problem since they affect analog and digital signals and generate standing waves as returning interference.

Standing waves are also reflected into the network by exposed lines (75 Ohm) or short circuits.