ELPAS

Pulse reflectometer

with a large display in 7 background colors

The processor controlled pulse reflectometer *IRM 70* with LCD-display is designed for fault location and check up of telecommunications lines and mains leads. Additional the return loss will be determined for a more accurate analysis. It is handy and easy to operate.

- Already 20 cable types pre-programmed, further types can be added in the menu
- Length measurement on the leading edge of the reflected pulse
- Return loss measurement on the reflected pulse
- Pulse gain adjustable at cable bruise, bad connectors and other components with too less return loss.

TECHNICAL DATA

Measuring Ranges	0–2000 m
Resolution	0.1 m / 0.2 m / 0.4 m / 1 m / 2 m / 4 m, switchable
Accuracy	0.2% of the measuring range
Propagation factor	0.250–0.999
Storage places	30 for propagation factor and cable type, already 20 preprogrammed
Dynamic	64 dB
Sensitivity	80 dB
Filter	switchable for noise suppression of external interferences on the cable
Impedance	75 Ω
Output	F female Connector
Output pulse	4 V, 2 ns, 20 ns or 100 ns width
Display	LCD 128 × 64 Pixel, illuminated, visible size 67 mm × 37 mm
Handling	with 6 keys
Power supply	NiMH Accu 6 V/1800 mAh or AC/AC adapter
Power consumption	200 mA
Dimension	210 mm × 110 mm × 45 mm
Weight	530 g