



## Easyflex Com

### Description

**Easyflex Com** is a very compact, powerful TDR (Time Domain Reflectometer) to locate faults in Cu telecommunication cables, signal and power cables. A main feature of this instrument is a high local resolution in close-up range (5 cm) and in medium distance range.

Simple operation and the use of latest technologies enable even infrequent users to locate faults quickly and precisely.

The established reflection measurement sends suitable pulses into the cable to locate faults. The pulses pass through the line and are reflected off the fault locations. The type of the fault can be determined from the size and shape of the pulse.



### Performance Features:

- High local resolution of 5 cm in 50 m test range
- Simple operation due to menu prompting and help functions
- Easy evaluation of the traces by simultaneous display of zoom and total view (split-screen)
- Large display with backlight
- Individual measurement, continuous measurement and averaging
- Measuring connections suitable for live voltage up to 250 V
- Internal memory for 16 traces
- Serial interface for printer and PC
- Traces loadable to and from PC in connection with the databank software
- Rugged, water-resistant case for rough field use

### Scope of Delivery:

- Easyflex Com
- Carrying case for unit and accessories
- 2 Sets test cables
- Charger
- Rechargeable battery 7.2 V / 1.7 Ah NiMH
- Instruction manual

### Accessories:

- AC power supply
- Case
- Phantom KNB001
- Rechargeable battery
- Factory calibration certificate

### Technical Data:

Test range	50 m ... 15000 m
Test methods	Direct measurement with phantom Comparitive measurem. of 2 pairs Differential measurem. of 2 pairs coupling, cross measurement
Pulse width	5; 10; 20; 50; 200; 750 ns
Distance display	µs; m; ft
Max. resolution	5 cm
Accuracy	+/- 0.1 % of the test range +/- actual resolution
v/2 adjustment	30 ... 149.9 m/µs 98.4 ... 491.8 f/µs
NVP-Factor	0.200 ... 0.9999
Dynamic Range	90 dB
Display	256 x 128 Pixel
Pulse amplitude	10 V to 120 Ohm
Internal phantom	40 ... 200 Ohm
Power supply	NiMH - changeable battery external: 230 VAC 11 - 15 VDC
Operation temp.	-10 °C to +50 °C
Storage temp.	-20 °C to +60 °C
Housing	plastic, IP55 according to DIN 40 50
Dimensions (W x H x D)	260 x 176 x 70 mm
Weight	1.5 kg

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**DIN ISO 9001**