

# CFR-60™

## Cable Fault Reflectometer

The CFR-60™ design allows for convenient single-phase cable fault pre-location. It is used in combination with a surge voltage generator on low, medium and high voltage cables from 0 - 65 km long. It can also be used on cables carrying voltage up to 400 V. The unit is particularly easy to handle with a self-explanatory menu and one-button operation. Additional methods are available by combination with other modules and systems

### Highlights

- Fault location on cables up to 65 km
- SIM/MIM Secondary/Multiple Impulse Method, ICM method & Decay method
- High resolution (200 MHz sampling rate)
- Voltage-proof up to 400 V
- Integrated memory for up to 100 measurements
- Ideal even for cables with difficult access
- Batteries last for hours



## Cable Fault Reflectometer

### Technical Specs

Output voltage of transmitting pulse	10 V to 60V
Pulse width of transmitting pulse	40ns to 10us
Output impedances	10 to 250 Ohms
Voltage protection	400V AC (50/60 Hz)
Input gain	0 to 60 dB
Sampling speed	200 MHz (5nS)
Propagation velocity	50 to 150 m/μS
Measurement range	0 to 65 km (0 to 213255 ft)
Display	6 in color screen
Instrument Dimensions	220mm x 130mm x 75mm
Weight	1.1 kg
Battery	NiMh: 2600mAh, 6-8 hours autonomy
Charger	100 to 240V (50/60 Hz) / 12VDC, 15W, 1.2A
Operating temperature	-20°C to 50°C
Storage Temperature	-40°C to 60°C
IP rating	IP54

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