

## Overview

ST612 Cable Fault Locator TDR (Time Domain Reflectometer) is affordable and easy-to-use equipment for metallic cables. ST612 can measure fault locations, such as broken lines, cross-connection faults, earth leaks, poor insulation and poor contacts up to 8 km distance.

## Operation

When being used, ST612 sends a short pulse to the line. The pulse will reflect back from fault spots and from the cable end in their typical manner. On the basis of the time of each reflection, ST612 can display the distance of the faults. Measurement resolution is 1 meter and dead zone 0 meters.

One can choose either automatic testing, in which ST612 chooses test parameters itself, or manual testing, in which user can choose test parameters.

ST612 has a clear LCD display, which shows test results graphically. Movable cursor helps to define fault distances.

Rechargeable lithium battery enables up to 10 hours of working time.



## Technical specifications

Max. testing distance	8 km
Highest resolution	1 m
Dead zone	0 m
Battery	Lithium-ion
Operating time	10 hours
Power consumption	1 W
Dimensions	200 x 90 x 43 mm
Weight	420 g
Operating temperature	-15°C...+45°C
Storage temperature	-20°C...+55°C
Test connector	BNC
Data interface	USB (accessory)

### ST612 basic setup

- ST612 TDR
- 230Vac power supply and charger
- BNC-crocodile test cord
- BNC-4mm banana test cord
- Carrying bag
- User manual

### Sales: