

## Fiber Optic Fault Locator (Fiber Ranger)

Fiber Ranger is lightweight, rugged, dustproof and waterproof; in software, it has three brilliant functions. One is Automatic Power Control, which automatically test and adjust the best power level according to the real test environment; second is Automatic Pulse Width Selection which automatically select most suitable pulse width according to the real test distance. Third, it has built-in 650nm VFL, with which it can detect the fault from 1-15km and finally realize the one-dead zone test over the full range

### Features

- More Accurate and Better Repeatability
- List Max 8 Results of each set
- Easy to Identify the Faults Location
- Built-in visual fault locator with optional output power
- Optional Interchangeable Connector
- Long Battery Life
- Pin Out: Straight

### Technical Specification

Parameters		Value
Operating Wavelength		1550nm (1310nm Optional)
Fiber Type		9/125um SM Fiber
Optical Connector Type		FC/PC
Detector Type		InGaAs
Peak Power of laser (mW)		≥60
Max.Distance	Reflection	60 (≥1dB)
	Non-reflection	20 (≥2.5dB)
Measurement Unit		m
Reflection Event Dead Zone(m)		15
Distance Accuracy (Reflection Event) (m)		$\pm \{2m+2*10^{-3}*Distance(m)\}$
Visual Fault Locator	Wavelength(nm)	650
	Output Power(mW)	>1
Power Supply		AA,3pcs
Battery Operating Time	Measurements	≥5000
	Hours	>10
Working Temperature(°C)		-5~40
Storage Temperature(°C)		-10~60
Humidity(%)		0~85 (Non-condensation)
Dimensions(mm)		190*100*5
Weight(g)		450

### Ordering Information

Part Code	Description
3C-OFR-106-WC	Fiber Optic Fault Locator (Fiber Ranger)

W - Wave length (W1-1550 nm), W2 - Wave length (W2-1310 nm)

C – (C1- Standard FC, C2 - Inter changeable FC/SC/ST)

