OFL200 Handheld Optical Fiber Fault Locator

The OFL200 Handheld Optical Fiber Fault Locator is newly developed equipment designed for optical fiber fault locating and analysis.

With short dead zone, up to 8 fiber faults detection, as well as ease fault location identification, this Intelligent mini OTDR is indispensable equipment for troubleshooting single mode (SM) fibers in FTTx, FTTh networks.

This fault locator is integrated with Visual Fault Locator (VFL), which is auxiliary for detecting fiber faults in dead zone.

Features

- Easy faults detection and diagnosis
- Compact size, rugged and light weight
- High accuracy and high repeatability
- Max. 8 fiber faults in one measurement
- Automatic Pulse Width Control design for ease of use
- Built-in Visual Fault Locator (VFL), conveniently to find the faults in dead zone
- Dust, water and shock proof, designed for field use
- Long battery life, up to 5000 measurements operation

Specifications

Model		SN-OFL200
Operating Wavelength (nm)		1550 (1310 optional)
Fiber Type		9/125um SM Fiber
Optical Connector Type		interchange port, SC/FC/ST adapter
Detector Type		InGaAs
Peak Power of Laser (mW)		≥ 60
Max. Displaying	Reflection Event (km)	60 (≥1dB)
	Non-reflection Event (km)	20 (≥2.5dB)
Measurement Unit		m
Reflection Event Dead Zone (m)		15
Distance Accuracy (Reflection Event)		$\pm (2m + 2 \times 10^{-3} \times Distance)$
Wavelength of VFL Option (nm)		650
Opitcal Connector Type of VFL		interchange port, SC adapter
Output Power of VFL Option (mW)		≥ 1
Power Supply		Alkaline Battery (3pcs AA 4.5V Batteries)
Battery Operating Time		≥ 5000 measurements
Working Temperature (°C)		-5 ~ 40
Storage Temperature (°C)		-10 ~ 60
Humidity		0 ~ 85% (Non-condensation)
Dimensions (mm)		190 x 100 x 50
Weight (g)		450

Standard Package

No.	Name	Unit	Quantity
1	Optical Power Meter	set	1
2	AA 1.5V Battery	pieces	3
3	Soft Bag	piece	1
4	FC Adapter	pieces	2
5	SC Adapter	piece	1
6	ST Adapter	piece	1

Model	Name	Description
SN-OFL200-1550	Fiber Ranger	1550±20nm LD; Measurement distance: 60Km; FC/SC/ST interchangeable port; including VFL function, output power:1mw