

FFL-304

Features

- ◇ End-to-end visual fiber identification
- ◇ Locates faults up to 60km along the fiber.
- ◇ Mechanical fusion splice optimization
- ◇ Compact size and light weight, suitable for field testing
- ◇ Detects breaks, micro-bends even through jacketed fibers



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Description

FFL-304 is just like the simplified OTDR, It's designed for the identification of fault locations(distance from the fiber-start point) and fault types(i.e. reflection or attenuation). With features of quick response, portable size, easy to use, large and comfortable LCD with adjustable brightness of backlight, data storage with USB communication port and power-saving design, FFL-304 Fiber Ranger is an excellent essential instrument for installation, construction and maintenance of the optical fiber networks.

Parameter

Item		Specification
Light source		1550±20nm LD
Fiber type		9/125um SM fiber
Connector type		FC/PC
Sensor type		InGaAs
Maximum output power		100mw
Max. displaying	Reflection event	80km
	Non-reflection event	40km
Measurement unit		Meter(m)
Data storage capacity		500 Groups
Reflection event dead zone		10m



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Non-reflection event dead zone	20m
Distance accuracy(Reflection event)	$\pm (2m+2*10^{-3}*Distance)$
Power supply	DC 6V~9V
Battery operating time	Enables 10, 000 times measurement
Temperature	Operating-10~+60°C,Storage: -25~+70°C
Humidity	0~85% (non-condensation)
Communication port	USB
Supply	Rechargeable battery and AC power adapter
Dimensions	210x115x55 mm
Weigh	555g

Applications

- ◇ Maintenance in telecom
- ◇ Maintenance CATV
- ◇ Test Lab of optical fibers
- ◇ Other fiber optic measurements

Standard Package

Model	Includes
All FFL-304	<ol style="list-style-type: none">1. FFL-304 Fiber ranger,2. Protective rubber boot,3. Rechargeable battery,4. Power supply adaptor,5. Software disk6. USB cable7. Instruction manual8. Cotton tampon rigid carrying case