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Optical Fiber Ranger -----JW3304N

JW3304N Optical Fiber Ranger is the most portable test instrument in the industry. It adopts the OTDR technical principles and integrates the powerful analysis software, which enables the JW3304N fiber ranger detect fiber faults location more accurate and easy.

Main Features

- * Portable, rugged, lightweight; Easy to use.
- * More accurate testing results and better repeatability.
- * Up to 8 fiber faults can be detected in each measurement.
- * Automatic Pulse Width Control design to ensure a convenient operation.
- * Easy to identify the faults location.
- * 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.

Applications

Testing the distance of the fiber and identify the faults location in the fiber link.
 Locates reflective and non-reflective breaks in the fiber network.
 Inspection of fiber repair and maintenance.
 JW3304N Fiber Ranger is ideal to be used in FTTx network installation and maintenance.



Specifications

Model		JW3304N
Operating Wavelength		1550nm (1310nm Optional)
Fiber Type		9/125um SM Fiber
Optical Connector Type		FC/PC
Detector Type		InGaAs
Peak Power of laser		≥60mW
Max. Displaying Distance	Reflection Event	60km (≥1dB)
	Non-reflection Event	20km (≥2.5dB)
Measurement Unit		m
Reflection Event Dead Zone		15m
Distance Accuracy (Reflection Event)		± (2m+2*10 ⁻⁴ *Distance)
Wavelength of VFL Option		650nm
Output Power of VFL Option		>=1mW
Power Supply		Alkaline Battery (3pcs AA 4.5V Batteries)
Battery Operating Time		≥5000 measurements
Working Temperature		-5~40℃
Storage Temperature		-10~60℃
Humidity		0~85% (Non-condensation)
Dimensions		190*100*50mm
Weight (g)		450

Standard Packages

MODEL	INCLUDES
JW3304N	JW3304N Fiber Ranger, 3pcs 1.5V batteries, User Manual, Cotton swabs and Soft carrying case.