

**Fiber Optic Ranger Type 05**

**Descriptions**

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 fiber ranger detect fiber faults location more accurate and easy.

**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.



Specifications		
Wavelength Range	1550nm (1310nm Optional)	
Fiber Type	9/125um SM Fiber	
Detector Type	InGaAs	
Peak Power of laser	≥60mW	
Max. Displaying Distance	Reflection Event	60km (≥1dB)
	Non-reflection Event	20km (≥2.5dB)
Reflection Event Dead Zone	15m	
Distance Accuracy (Reflection Event)	± (2m+2*10 <sup>-3</sup> *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)	
Optical connector	FC/PC	
Dimensions	190*100*50mm	
Weight	450g	

For detailed inquiry please contact our sales team at: [sales@HuihongFiber.com](mailto:sales@HuihongFiber.com).