

ST3304 Optical Fiber Ranger

SESTER

ST3304
Optical Fiber Ranger
with
Built-in VFL



GENERAL:

ST3304 Optical Fiber Ranger is the most portable test instrument in the industry. It adopts the OTDR technical principles integrate the powerful analysis software, which enable the ST3304 Fiber Ranger detect fiber faults location more accurate and easy.

FEATURES:

- ▶ Portable, rugged, lightweight and 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 5,000 measurements operation
- ▶ Standard package: including ST3304 with 3xAA batteries, User manual and Carrying case

APPLICATIONS:

- ▶ Testing the distance of the fiber and identify the faults location in the fiber link
- ▶ Locates reflective and non-reflective events in the fiber network
- ▶ Inspection of fiber repair and maintenance

SPECIFICATIONS:

Operating Wavelength	1550±20nm (Optional 1310nm, 1625nm)	
Fiber Type	9/125um SM fiber	
Optical Connector Type	SC/APC (Optional FC/PC)	
Detection Type	InGaAs	
Peak Power of Laser	≥60mW	
Max. Displaying Distance	Reflection Event (≥1dB)	60km
	Non-Reflection Event (≥2.5dB)	20km
Max. Fiber Faults	8 events	
Measurement Unit	m (meters)	
Reflection Event Dead Zone	15m	
Distance Accuracy	±(2m+2x10 ⁻³ x Distance)	
Wavelength of VFL	650±10nm	
Output Power of VFL	≥1mW	
Power Supply	3x1.5V-AA size batteries	
Battery Operating Time	≥5,000 measurements	
Operating Temperature	-5 to +40° C	
Storage Temperature	-10 to +60° C	
Humidity	0 to 85% (Non-condensation)	
Dimension	190x100x50mm	
Weight	450g.	