Fluke Networks OFTM-5631 Specs Provided by www.AAATesters.com

OptiFiber[™] Certifying OTDR – New Singlemode Testing Capability

The use of singlemode fiber in premise networks is continually growing – and so are the requirements for testing and certifying it. More and more, LAN cable installers will win or lose business based on their ability to provide a whole new level of required certification, documentation and diagnostics. No solution hands you a more complete, competitive edge for premise singlemode testing than OptiFiber Certifying OTDR.

FLUKE networksm

With OptiFiber singlemode options you can:

- Certify singlemode fiber with integrated Auto OTDR analysis, automated loss and length measurements and fiber endface inspection.
- Diagnose singlemode fiber with integrated ChannelMap[™], Auto OTDR and fiber endface inspection.
- Document singlemode fiber with LinkWare PC data management and reporting software.
- Enhance visibility into premise and campus singlemode networks with 2-meter event deadzones.
- Boost productivity with an easy-touse interface and small, lightweight design.

Certify to new customer specs and industry standards

Troubleshooting and certifying missioncritical fiber networks makes special demands on cabling professionals – and their tools. Only the OptiFiber Certifying OTDR from Fluke Networks is engineered specifically to meet these demands. It integrates loss/length certification, OTDR analysis and video endface inspection in a single, easy-to-use tool.

Increase productivity from day one

OptiFiber makes it as easy to test fiber as copper – with an intuitive interface and a handheld footprint that mimics our user-friendly copper-based certification solutions. Now troubleshooting fiber and testing to the latest industry standards and customer specs is as quick and easy as pushing a button. It's enough to make a cable installer smile.



OptiFiber Main Unit with Singlemode Module



400X FiberInspector Video Probe Option



Singlemode Modules for OptiFiber



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New Modules and Accessories for Singlemode Fiber Testing

Model	Description	Use								
0FTM-5630	OptiFiber Singlemode OTDR Module	Pinpoint the location of problems within a singlemode fiber link								
		(up to 10 km), even if spaced as closely as 2 m apart.								
0FTM-5631	OptiFiber Singlemode OTDR + PM Module	Measure the insertion loss of a singlemode fiber link using a separate								
		far-end 1310/1550 nm source.								
0FTM-5632	OptiFiber Singlemode OTDR + PM	Certify a singlemode link using the proven standards-based two-fiber,								
	+ Loss/Length Module	dual-wavelength DSP-FTA methodology.								
NFK3-LAUNCH	SC-SC singlemode Launch cable, 100 m	This launch cable uses a UPC polish and test and measurement grade								
		connectors, making it ideal for OptiFiber.								
0FTM-5354	FiberInspector™ Video Probe, 400X	High resolution 400X inspection of fiber endfaces on patch panels and								
		cable assemblies. Includes Probe Adapter Tips (ST, SC, FC and universal								
		2.5 mm patch cord tip).								

OptiFiber Singlemode Specifications

Singlemode OTDR Specifications OFTM-5630, OFTM-5631, OFTM-5632								
Output/Input Connector	SC/UPC (laser-hardened)							
Wavelengths	1310 +/- 20 nm and 1550 nm +/- 20 nm							
Fiber under test	Singlemode							
Event Deadzone ¹	1.5 m Typical, 2 m Max							
Attenuation Deadzone ¹	10.5 m Typical, 15 m Max							
Max Distance Range	10 km							
Distance Accuracy ²	+/- 2 m							
Dynamic Range ³	1310 nm: >12 dB							
	1550 nm: >10 dB							

Power Meter Specifications OFTM-5631									
Input Connector	SC								
Detector Type	InGaAs								
Calibrated Wavelengths	850 nm, 1310 nm, 1550 nm								
Power Measurement Range	0 to -60 dBm								
	(1310 nm and 1550 nm)								
	0 to -52 dBm (850 nm)								

400X FiberInspector Specifications OFTM-5354									
Magnification 400X (FT354 Video Probe)									
Dimensions	1.3 x 1.3 x 4.3 in (3.3 x 3.3 x 10.9 cm)								
	(Length depends on adapter tip)								
Weight	1.4 oz (40 g)								

¹ Deadzones are measured to Telcordia standards for OTDR pe	erformance;
≤50 dB connector backreflection	

² For single reflective events; excluding Index of Refraction uncertainty

³ Effective dynamic range using Telcordia standards

Power Meter Loss/Length Specifications OFTM-5632								
Input/Output Connectors	SC							
Nominal Output Wavelengths	1310 nm and 1550 nm							
Maximum length measurement	10 km of 9 μ m singlemode fiber							
Output Power (nominal)	-10 dBm							
Detector Type	InGaAs							
Calibrated Wavelengths for	850 nm, 1310 nm and 1550 nm							
Loss Measurement								
Power Measurement Range	0 to -60 dBm (1310 nm and 1550 nm)							
	0 to -52 dBm (850 nm)							

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Fluke Networks operates in more than 50 countries worldwide. To find your local office contact details, go to www.flukenetworks.com/contact.

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