SimpliFiber Pro Multimode and Singlemode Sources

Sturdily built and encased in a durable molding, the next generation SimpliFiber Pro LED multimode and laser singlemode sources* retain the familiar intuitive four-button functionality from the popular workhorse SimpliFiber line, while incorporating additional features that make fiber testing even more simple. When combined with a SimpliFiber Pro optical power meter, these sources enable you to:

- Quickly and efficiently measure power and loss at SC, LC, and ST connections using the dual-wavelength testing feature in which both 850 and 1300 nm, 1310 and 1550 nm, or 1490 and 1625 wavelengths can be transmitted simultaneously
- Conveniently save measurements taken at both wavelengths into one record
- Eliminate time-consuming mistakes with the automatic wavelength detection ability
- Quickly identify patch panel cable routing without the assistance of a talk set and another technician

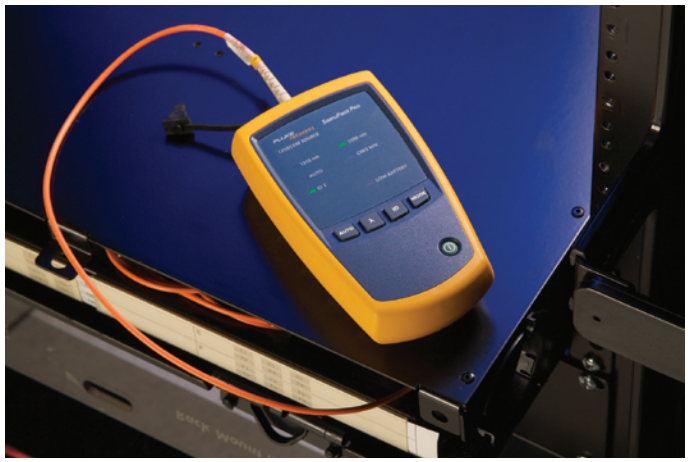
*The multimode source is standard in the FTK1000, FTK1300, FTK1350, and FTK1450 kits; the 1310/1550 nn singlemode source is standard in the FTK2000 and FTK1450 kits or available separately as a standalone module. The FTK2100 includes both the 1310/1550 and 1490/1625 nm sources.

Both 1310/1550 nm and 1490/1625 nm singlemode sources are available in the FTK2100 Singlemode Fiber Verification Kit

The 850/1300 nm multimode and 1310/1550 nm singlemode sources are available in the FTK1450 Complete Verification Kit

Specifications

Multimode Optical Source	
Emitter Type	LED
Central Wavelength	850 nm, 1300 nm
Wavelength Accuracy	• 850 nm: +30/- 10 nm • 1300 nm: +/- 20 nm
Spectral Width (FWHM)	• 850 nm: 50 nm (typical) • 1300 nm: 135 nm (typical)
Minimum Output Power	850/1300 nm: ≥ -20 dBm
Power Output Stability[1]	±0.1 dB over 8 hours
Auto Dual-Wavelength Switching	Yes. Can be enabled/disabled by user.
Optical Output Connector	Fixed SC[2]
FindFiber Code Generation	Yes. Fixed at ID 1.
Modes	CW, 2 kHz modulated, Auto-wavelength
Power Requirement	2 AA Alkaline batteries.
Battery Life[3]	40 hrs (typical)
Automatic Power Off	30 minutes (can be disabled by user)
Low Battery Warning	Yes, LED blinks
Size (L x W x H)	5.6 in x 3.2 in x 1.6 in (14.2 cm x 8.1 cm x 4.1cm)
Weight	9.8 oz (278 g)



Specifications (continued)

Singlemode Optical Source	
Emitter Type	1310 nm/1550 nm: dual FP laser 1490 nm/1625 nm: dual DFB laser
Central Wavelength	1310 nm: ±20 nm; 1550 nm: ±30 nm 1490 nm: ±3 nm; 1625 nm: ±5 nm
Wavelength Accuracy	1310 nm: ±20 nm; 1550 nm: ±30 nm 1490 nm: ±3 nm; 1625 nm: ±5 nm
Spectral Bandwidth (RMS)	• 1310 nm: 2 nm (maximum) • 1490 nm/1625 nm: 1 nm (maximum) • 1550 nm: 3 nm (maximum)
Minimum Output Power	1310/1550 nm: ≥ -7 dBm (typical) 1490/1625 nm: ≥ -3 dBm (typical)
Power Output Stability[1]	±0.25 dB over 8 hours
Auto Dual-Wavelength Switching	Yes. Can be enabled or disabled by user.
Optical Connector	Fixed SC[2]
Launch Condition	9/125 µm fiber
FindFiber Code Generation	1310/1550 source is fixed at ID 2 1490/1625 source is fixed at ID 3
Modes	CW, 2 kHz modulated, Auto-wavelength
Power Requirement	2 AA Alkaline batteries.
Battery Life[3]	30 hrs (typical)
Automatic Power Off	30 minutes (can be enabled or disabled by user)
Low Battery Warning	LED blinks.
Size (L x W x H)	5.6 in x 3.2 in x 1.6 in (14.2 cm x 8.1 cm x 4.1cm)
Weight	9.8 oz (278 grams)

[1] 23° C ± 2° C, after 5 minutes warm-up time
[2] LC and ST connectors can be tested using hybrid test-reference cord accessories.
[3] In auto-wavelength mode, battery life depends on the condition and type of batteries used. Fluke Networks recommends alkaline batteries.

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New time-saving capabilities, same simple functionality