

Fiber Optic Loss Test Kits



SMLP 5-5 Single-Mode/Multimode Test Kit with Wave ID and Data Storage

The SMLP 5-5 test kit combines the OPM5-2D optical power meter and OLS 4 integrated LED and LASER light source and is ideally suited for testing fiber optic networks with hybrid (single-mode and multimode) cables.

The OLS 4 features 850 nm and 1300 nm LED output from a multimode output port and 1310 nm and 1550 nm LASER output from a single-mode output port. This light source offers 4 modes of operation: Dual wavelengths sending ID, single wavelength sending ID, CW, and modulated Tone.

The OPM 5-2D measures and stores loss results at 850 and 1300 nm for multimode fibers and 1310 and 1550 nm for single-mode fibers. In addition, the OPM 5-2D will remeasure any specific memory location without erasing or modifying other loss readings. With the supplied PC software, saved test results can be transferred to a PC for storage, analysis, and printing.

Specifications

MODEL	MLP 1-2	MLP 4-2	MLP 5-2B	SLP 4-6D	SLP 5-6D	SMLP 4-4	SMLP 5-5
Power Meter	OPM 1-2C	OPM 4-2D	OPM 5-2D	OPM 4-4D	OPM 5-4D	OPM 4-2D	OPM 5-2D
Light Source	OLS 1-2C	OLS 1-Dual	OLS 1-Dual	OLS 2-Dual	OLS 2-Dual	OLS 4	OLS 4
Fiber Type	MM, SM	MM, SM	MM, SM	SM	SM	MM, SM	MM, SM
Loss Measurements (nm)	850, 1300	850, 1300	850, 1300	1310, 1550	1310, 1550	850, 1300 1310, 1550	850, 1300, 1310, 1550
Measurement Units	dBm	dB, dBm, μ W	dB, dBm, μ W	dB, dBm, μ W	dB, dBm, μ W	dB, dBm, μ W	dB, dBm, μ W
Dynamic Range	40 dB @ 850 nm1 40 dB @ 1300 nm1 22 dB @ 1300 nm2	40 dB @ 850 nm1 40 dB @ 1300 nm1 22 dB @ 1300 nm2	40 dB @ 850 nm1 40 dB @ 1300 nm1 22 dB @ 1300 nm2	50 dB @ 1310 nm2 50 dB @ 1550 nm2	50 dB @ 1310 nm2 50 dB @ 1550 nm2	40 dB @ 850 nm1 40 dB @ 1300 nm1 60 dB @ 1310 nm2 60 dB @ 1550 nm2	40 dB @ 850 nm1 40 dB @ 1300 nm1 60 dB @ 1310 nm2 60 dB @ 1550 nm2
Wavelength ID	—	yes	yes	yes	yes	yes	yes
Available Connector Types	ST	SC, ST, FC	SC, ST, FC	SC, ST, FC	SC, ST, FC	SC, ST, FC	SC, ST, FC
Set Reference	—	yes	yes	yes	yes	yes	yes
PC Software & Storage	—	—	yes	—	yes	—	yes

1 On 62.5/125 μ m multimode fiber
2 On 9/125 μ m single-mode fiber

Other test kit configurations available.

