NOYES®

SLP5-6D SM Test Kit with Wave ID, Set Reference, and Data Storage

Features

- Hand-held, rugged, lightweight
- Wave ID (auto identification and switching)
- Dual or single Wave ID, CW, Tone
- 270 Hz, 330 Hz, 1 kHz, 2 kHz Tone
- Adjustable output
- Power measurements in dBm or µW; insertion loss in dB
- Reference power level storage
- Large LCD with backlight (OPM5-4D)
- File management system organizes stored test data (OPM5-4D)
- Storage capability > 500 fibers (OPM5-4D)
- USB port and Windows® compatible software for download of stored data (OPM5-4D)
- Low battery indicator
- Long battery life with 2 x AA alkaline, optional AC adapter
- Cost-effective, easy-to-use
- N.I.S.T traceable

Applications

- Certify single-mode links per TIA/EIA standards
- Fiber identification prior to splicing

The SLP5-6D test kit combines the OPM5-4D optical power meter and OLS2-Dual LASER light source and is ideally suited for testing single-mode fiber optic networks.

The OLS2-Dual features 1310 nm and 1550 nm LASER output from a single output port and offers several modes of operation. Each wavelength may be transmitted individually at CW or with user selectable modulated Tone. Also, each wavelength may be transmitted with Wave ID. The OLS2-Dual output port is equipped with a UCI based removable adapter to allow the output connector to be inspected and cleaned.

The OPM5-4D is a full-featured, hand-held optical power meter designed for measuring optical power in premise, telco, or broadband networks and for performing insertion loss measurements on multimode or single-mode fiber optic links. The standard Wave ID feature (when used with NOYES OLS series light sources) automatically detects and sets the wavelength(s), preventing setup and measurement errors. It significantly increases efficiency and reduces technician errors—and saves testing time—by eliminating the need to test each wavelength individually. The OPM5-4D stores optical references for each calibrated wavelength and offers multiple test tone detection for fiber identification.

Data Storage of Test Results

The OPM5-4D File Management system allows technicians to organize test results into multiple files and transfer stored results via USB to a PC for analyzing, generating reports, and printing. The supplied powerful PC Analysis and Reporting Tool (TRM™ - Test Results Management software) allows users to apply industry standards based rules to test results and create comprehensive certification reports. Users can generate network Pass/Fail results demonstrating compliance to industry standards and illustrate headroom. TRM is a Windows® compatible software.

The SLP5-6D test kit is fully N.I.S.T. traceable.

NOYES®
SLP5-6D Test Loss Test Kit with PC Reporting Tool – TRM™

Powerful Pair

The SLP5-6D loss test kit and TRM Test Results Management software is a powerful pair

- Increases efficiency
- Reduces technician errors
- Simple to operate with minimal training required
- Provides customized professional reports

Target Markets

Any one testing fiber links who requires report generation applications include

- Data networks
- Telecommunications providers
- CATV
- Industrial

WaveID Increases Efficiency and Reduces Errors

- Enables users to test two wavelengths simultaneously
  - Significantly reduces test time by eliminating the need to test each wavelength individually
- Automatically detects and sets received wavelengths
  - Eliminates loss measurement errors by automatically matching OPM to transmitted wavelength

Straightforward Results Storage and Easy File Management in the Field

- Simple to use interface allows for easy separation of results into files
- Keep cable/job results separated for fast customer report generation
- Access to files and results allows for quick and easy retest of fibers

NOYES®

Upload test data files to PC via USB to utilize powerful data management and reporting tool – TRM™

File Naming and Data Management Editor

- Manage job information (Ends, Cable ID, Comments, and Operators) to meet documentation specifications in reports
- Create Bi-directional results
- Combine results from multiple OPMs to create a complete job report
- Automatic backup of data

Create Certification Results to Industry Standards (TIA/ISO/EN and applications)

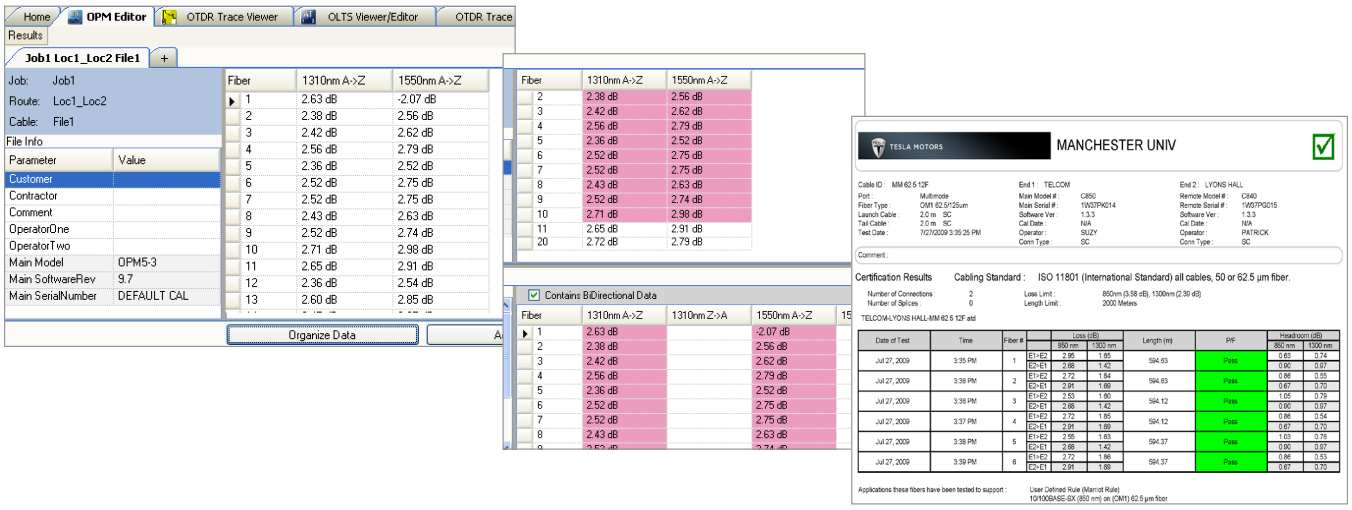
- Apply standards based rules to loss results
- Generate Pass/Fail information for each fiber
- Demonstrate compliance to industry standards

Customized Reports

- Create professional personalized reports with company logos
- Reports meet accepted industry documentation standards.
- Save common report options for quick generation of future reports
- Recall previously stored settings to save time generating reports for repeat customers
- Create certification reports showing fiber pass/fail results based on customer/consultant specifications, Industry Standard, and Industry Applications
- Show headroom values for the primary rule (typically the industry standard)
- Use PC analysis to verify if previously measured fibers (tested with NOYES loss test equipment) meet loss requirements of Standards and Rules

Superior Customer Support

- Dedicated customer service, technical support and field sales available to support customers
- Knowledgeable timely technical support and customer service



NOYES®
SLP5-6D SM Test Kit with Wave ID, Set Reference, and Data Storage

OPM5-4D Specifications [a]

OPTICAL	OPM5-4D
Calibrated Wavelengths	850, 980, 1310, 1490, 1550, 1625 nm
Detector Type	Filtered InGaAs
Measurement Range	+26 to -50 dBm
Tone Detect Range	+6 to -30 dBm +6 to -25 dBm for 850 nm
Wavelength ID Range	+6 to -30 dBm +6 to -25 dBm for 850 nm
Accuracy [b]	± 0.25 dB
Resolution	0.01 dB
Measurement Units	dB, dBm, µW
GENERAL	
Power	2 x AA batteries, optional AC adapter
Battery Life	300 hours
Operating Temperature	-10 °C to 50 °C, 90 % RH (non-condensing)
Storage Temperature	-30 °C to 60 °C, 90 % RH (non-condensing)
Size (H x W x D)	14.0 x 8.1 x 3.8 cm (5.5 x 3.2 x 1.5 in)
Weight	0.26 kg (0.58 lb)

OLS2-Dual Specifications [a]

OPTICAL	OLS2-DUAL (SINGLE PORT)	
Wavelength	1310 ±20 nm	1550 ±20 nm
Emitter Type	Laser, Class I FDA 21 CFR 1040.10 and 1040.11, IEC 60825-1: 2007-03	
Spectral Width (FWHM)	5 nm (max)	
Output Power	0 dBm [c]	
Output Stability	±0.05 dB over 1 hour (after 15 min. warm-up) ±0.1 dB over 8 hours (after 15 min. warm-up)	
Tone Output	270 Hz, 330 Hz, 1 kHz, 2 kHz	
GENERAL		
Power	2 x AA batteries, optional AC adapter	
Battery Life	Typical 120 hours, minimum 75 hours	
Available Adapters	SC FC, ST, LC	
Operating Temperature	-10 °C to 50 °C, 90 % RH (non-condensing)	
Storage Temperature	-30 °C to 60 °C, 90 % RH (non-condensing)	
Size (H x W x D)	14.0 x 8.1 x 3.8 cm (5.5 x 3.2 x 1.5 in)	
Weight	0.29 kg (0.65 lb)	

Notes:

a. All specifications at 25 °C.

b. Accuracy measured at 25 ºC and -10 dBm per N.I.S.T. standards.

c. Adjustable 2 dB.

Ordering Information

Test jumpers and connector adapters are required for operation (purchased separately). Test jumpers with a variety of connector styles and fiber types and adapter caps for most common connectors may be purchased from AFL.

INCLUDES	AFL NO.
OLS2-Dual optical light source, OPM5-4D optical power meter, AA batteries, protective rubber boots, adapter cap, USB cable, Windows® compatible software, and carry case.	SLP5 -6D

Authorized Channel Partner

NOYES®

United States
Customer Service
1.800.321.5298
1.603.528.7780
www.AFLglobal.com

Europe, Middle East, Africa
Max Penfold
Max.Penfold@AFLglobal.com
+44 1799 542 840
+44 7802 839 160

Middle East
Ahmed El Sakaty
Ahmed.ElSakaty@AFLglobal.com
+20 106 451 523

Africa (Sub Sahara)
Nicholas Cole
Nicholas.Cole@AFLglobal.com
+44 7702 005 590

Greater China
Dai Liu
Dai.Liu@AFLglobal.com
+86 133 1101 4533

Asia-Pacific (non-China)
Saw Biing Huei
Biing.Saw@AFLglobal.com
+65 9791 3398