

OLT100 - FIBER OPTICAL TEST KIT

Professional optical loss test kits for singlemode and multimode

For best performance data transmission in fiber optic networks

Measuring the fiber optic connection must be done after installation, before going live, as well as during operation in order to function error free. So far, corresponding measuring devices have often been very expensive. NetPeppers' new Fiber Optic loss test Kits are a cost-effective solution for standard-compliant, highly accurate measurement results.



OPM100

OLS150 SM

OLS150 MM

Versatile in all networks

With the fiber-optic loss test kits, you can measure singlemode and multimode connections and can thus be used both for in-house networking (LAN) and in wide area networks (WAN). Due to the modern laser measurement technology of the OLT series, you do not need to plan a long warm-up time for accurate results, but can start directly with your measurement. All popular wavelengths are supported * and the results document the quality of the fiber optic link.

Usable for everyone

The interchangeable connectors for SC or ST of the measuring instruments guarantee maximum flexibility for every project, when choosing the right connection components for the measurement.

The ease of use and the large and easy-to-read LCD displays make a fiber-optic measurement a breeze even for an inexperienced user. But even the fiber optic professional will appreciate the devices' compact and rugged housing, designed for durability and harsh environments.

* see specifications



MAIN BENEFITS

- ★ Standard compliant fiber-optic loss measurement on singlemode and multimode fiber optic links
- ★ Best price performance ratio
- ★ Broad application for LAN, WAN, FTTX and more
- ★ Accurate results without warm-up time for acceptance measurement
- ★ Display results in dB / dBm / mW / μ W / W
- ★ Adapter for SC / ST
- ★ Robust design for field use
- ★ Long service life

KIT INCLUDES:

OLT100 QUAD Kit

- 1 OPM100 Optical Power Meter
- 1 OLS150MM Optical Light Source for multimode wavelength
- 1 OLS150SM Optical Light Source for singlemode wavelength
- 3 Lanyards for carrying the devices
- 1 Hard carrying case
- 1 Interchangeable adapter SC/ST
- 1 Quick start guide
- 1 Calibration certificate

OLT100MM Multimode Kit

- 1 OPM100 Optical Power Meter
- 1 OLS150MM Optical Light Source for multimode wavelength
- 2 Lanyards for carrying the devices
- 1 Hard carrying case
- 1 Interchangeable Adapter SC/ST
- 1 Quick start guide
- 1 Calibration certificate

OLT100SM Singlemode Kit

- 1 OPM100 Optical Power Meter
- 1 OLS150SM Optical Light Source for singlemode wavelength
- 2 Lanyards for carrying the devices
- 1 Hard carrying case • 1 Interchangeable adapter SC/ST
- 1 Quick start guide
- 1 Calibration certificate

OLT100 - FIBER OPTICAL TEST KIT

Professional optical loss test kits for singlemode and multimode



Specification Power Meter – OPM100

Calibrated Wavelength(1)	850,1300,1310,1490,1550,1625nm
Power Range (dBm) (2)	-70 – +6 ⁽¹⁾
Application Range	Single/Multimode fibers
Detector Type	InGaAs
Accuracy	±5%±0.01nW(±0.5dB@850nm)
Resolution	0.01dB
MOD Identification	270,1K,2K Hz
Display Unit	W/mW/μW/dBm/dB (REF)
Connector (3)	FC (Interchangeable SC, ST)
Power Supply	9V Alkaline Battery (450mAh) / Optional 9V AC Adapter
Battery Life	≥40hours
Power Saving	Auto off after 5 minutes idle
Operating Temperature	0°C ~ 50°C (32 ~ 122 F)
Storage Temperature	-20°C ~ 70°C (-4 ~ 158 F)
Relative Humidity	0 ~ 95% (Non-condensing)
Weight	300g (0.66lbs)
Dimensions (H×W×T)	145×75×25mm (5.7×2.9×1inch)

(1) The lower limit of 850nm measurement is -60dBm.

Specification Light Sources – OLS 150

	OLS 150 SM	OLS 150 MM
Output Power	1310/1550 nm	850/1300 nm
Display	LCD	
Output Power	≥-7	
Output Mode	CW, 270Hz, 1KHz, 2KHz	
Emitter Type	FP-LD	
Connector Type	FC/PC(Interchangeable SC,ST)	
Spectrum Width	≤ 5nm	
Stability	±0.05dB/15min, ±0.10dB/8hr@ 1310/1550;	±0.05dB/15min, ±0.15dB/8hr@ 850/1300nm
Fiber Type	Single Mode Fiber	Multi Mode Fiber
Auto Off	After 5 minutes idle	
Power Supply	9V Alkaline battery(450mAh) / optional 9V AC adapter	
Battery Life	≥20hours with 9V Alkaline	
Operating Temperature	0°C to 50°C	
Storage Temperature	-20°C to 70°C	
Relative Humidity	0 ~ 95% (Non-condensing)	
Weight	300g (0.66lbs)	
Dimensions (H×W×T)	145×75×25mm (5.7×2.9×1inch)	

Order Information	Article No.
Optical Test Kits	
OLT100 QUAD KIT for 850/1300/1310/1550 nm wavelength	NP-OLT-QUAD
OLT100SM KIT for 1310/1550 nm wavelength	NP-OLT-SM
OLT100MM KIT for 850/1300 nm wavelength	NP-OLT-MM

Single Devices

OPM100 Optical Power Meter for 850,1300,1310,1490,1550,1625nm. <u>Scope of delivery:</u> 1x OPM100 Optical Power Meter with FC-connection, 1x Interchangeable Adapter SC/ST	NP-FIBER100
OLS150SM Optical Light Source <u>Scope of delivery:</u> 1x OLS150SM Optical Light Source with FC-connection, 1x Interchangeable Adapter SC/ST	NP-FIBER150-SM
OLS 150 MM Optical Light Source <u>Scope of delivery:</u> 1x OLS150MM Optical Light Source with FC-connection 1x Interchangeable Adapter SC/ST,	NP-FIBER150-MM
VLP50 Visible Laser Source <u>Scope of delivery:</u> 1x VLP50, 1x adapter, 1x carrying case, battery, quick start guide	NP-FIBER50

Fiber Cleaning

OCP10SC Cleaning Pen for SC-connector Over 800+ Cleaning cycles	NP-OCP10-SC
OCP10SC PACK Includes 5pcs of OCP10SC	NP-OCP10-SC-5PACK
OCP10LC Cleaning Pen for LC connector Over 800+ Cleaning cycles	NP-OCP20-LC
OCP10LC PACK Includes 5 pcs of OCP10LC	NP-OCP10-LC-5PACK

