



OLT-20

Optical Loss Tester

— A versatile tool for fast testing of optical networks

The **MinewayTech** OLT-20 series are multi-functional testing instrument for optic fiber networks. The useful applications include installation, routine inspection and daily maintenance of MAN, WAN and CATV systems as well as for lab test and research work.

The OLT-20 series integrate laser source module and power meter module in one set, which can perform power testing and link loss testing of optic fiber network conveniently. It can test within the shortest time and efficiently avoid the file mistakes caused by not matching of laser source and power meter. They are highly praised for its excellent quality, safety, value and fast testing features.

Features

- Pocketsize, large LCD display
- Multi-wavelength measurement
- Direct loss measurement units in dB
- Link loss testing
- Absolute power measurement units in dBm or μ W
- Modulation in CW and modulated frequencies
- 270/1K/2K Hz Modulated frequencies
- Dual-wavelength output in single optic output
- Dual-way powering system including a 9V battery and AC adapter
- Low power indicator
- Auto off function conserving battery life
- CE, FCC, FDA certificates



Specifications

Model	OLT-20			
	A	B	C	D
Laser Source Module				
Wavelength (± 20 nm)	1310/1550	850/1300	1310/1550	850/1300
Output Power (dBm)	≥ -7			
Spectral Width (nm)	≤ 5			
Emitter Type	FP-LD			
Stability	± 0.05 dB/15min			
Modulation Frequencies (Hz)	270, 1K, 2K			
Connector Type	FC/PC(interchangeable ST,SC)			
Optical Power Meter Module				
Detector Type	InGaAs			
Measurement Range (dBm)	-70 ~ +10		-50 ~ +27	
Accuracy	± 0.25 dB (5%) @25°C & -10dBm (± 0.5 dB@850nm)			
Resolution (dB)	0.01			
Calibrated Wavelength (nm)	850, 1300, 1310, 1490, 1550, 1625			
General Specifications				
Power Supply	9V Alkaline battery (450mAh) / optional 9V AC adapter			
Operating Temp.	0°C ~ 50°C			
Storage Temp.	-20°C ~ 70°C			
Relative Humidity	0 ~ 95% (Non-condensing)			
Weight	0.66lbs (300g)			
Dimension (H x W x T)	5.7 x 2.9 x 1 inch (145 x 75 x 25mm)			

Note: Other calibrated wavelength can be also ordered.
Specifications subject to change without notice.

Ordering Information

Standard Configuration:

Instrument, 9V alkaline battery, Rubber boot, Warranty card, CE certificate, Certificate of Calibration, User's manual

Optional Accessory:

Part Description	Part Number	Part Description	Part Number
3 m, optical patch cord	AC-FJC-03-FC/FC	Ceramics core for LS	AC-FRL-C
SC connector for LS	AC-CONN-SC-L	SC connector for PM	AC-CONN-SC-P-300
ST connector for LS	AC-CONN-ST-L	ST connector for PM	AC-CONN-ST-P-300
AC adapter for US	AC-ADPT-10-US	Compact carrying softbag	AC-PB-10

