

OLT-20 Series Optical Loss Tester

OLT-20 series Optical Loss Tester integrates laser source and power meter in one unit for link loss testing. Models for singlemode and multimode applications are available.



Features

- ◆ Link loss test
- ◆ Output power display
- ◆ Display units: dB/dBm/mW
- ◆ CW/Modulation mode (270/1K/2K Hz)
- ◆ Low battery indication/Auto off
- ◆ Handheld, sturdy & durable
- ◆ CE FCC FDA certificates

OTM-20 Series Optical Test Meter

OTM-20 series Optical Test Meter is a very powerful integrated fiber optic testing tool with optical power meter and laser source (optional 650nm VFL). OTM-20 can monitor optical power level and present in curve diagram or graduated scale with features of threshold setting and outrange buzzer.



Features

- ◆ Auto optical loss test
- ◆ Display power level in graduated scale or curve diagram
- ◆ Optical power threshold setting with outrange buzzer
- ◆ Display units: dB/dBm/mW
- ◆ Large internal memory: 4000 records
- ◆ Backlight display
- ◆ NiMH rechargeable battery
- ◆ Low battery indication/Auto off
- ◆ Damp-dust-shock proof , ideal for field operation
- ◆ CE FCC FDA certificates

Specifications

Model	OTM-20				OLT-20			
	A	B	C	D	A	B	C	D
Laser Source Module								
Wavelength(±20nm)	1310/1550	850/1300	1310/1550	850/1300	1310/1550	850/1300	1310/1550	850/1300
Output Power	≥-7dBm				≥-7dBm			
Spectrum Width	≤5nm				≤5nm			
Emitter Type	FP-LD				FP-LD			
Stability	±0.05 dB/15min; ±0.10dB/8hr@1310/1550nm; ±0.15dB/8hr@850/1300nm				±0.05 dB/15min; ±0.10dB/8hr@1310/1550nm; ±0.15dB/8hr@850/1300nm			
MOD Frequencies	270, 1K, 2K Hz				270, 1K, 2K Hz			
Connector	FC (Interchangeable SC, ST)				FC (Interchangeable SC, ST)			
Optical Power Meter Module								
Detector Type	InGaAs				InGaAs			
Range (dBm)	-70 ~ +10 ⁽¹⁾		-50 ~ +27		-70 ~ +10 ⁽¹⁾		-50 ~ +27	
Accuracy ⁽²⁾	±5% ±0.01nW		±5% ±1nW		±5% ±0.01nW		±5% ±1nW	
Resolution	0.001dB				0.01dB			
CAL Wavelength	850,1300,1310,1550nm		980,1310,1480,1550nm		850, 1300, 1310,1490, 1550, 1625nm			
Data Storage	4000 records				NA			
Connectivity	RS232				NA			
Power Supply	NiMH Rechargeable Battery / AC Adapter				9V Alkaline Battery / 9V AC Adapter (Optional)			
Battery Life	OPM only ≥80 hrs; OPM+SLS operation ≥35 hrs				OPM only ≥40 hrs; OPM+SLS operation ≥20 hrs			
Weight	600g (1.3lbs)				300g (0.66lbs)			
Dimensions (H×W×T)	196×100×44mm (7.7×3.9×1.7 inch)				145×75×25mm (5.7×2.9×1 inch)			
Visible Laser Source Module (For OTM-20AV/BV/CV/DV only)								
Emitter Type	FP-LD				NA			
Wavelength(±20nm)	650							
Output Power	≥-3dBm							
MOD Frequencies	1Hz							
Connector	FC/PC (Interchangeable SC,ST)							

Note: (1) For Model A&B at 850nm, the lower limit of measurement range is -60dBm.

(2) ±0.5dB@850nm

* Specifications subject to change without notice

