



OPM-500A/500B

Optical Power Meter

OPM-500, a compact, handheld tester, provides stable laser light power measurement in five different wavelengths for fiber cable testing. By measuring the most popular wavelengths, 850nm, 980nm, 1300nm, 1310nm, 1490nm and 1550nm, the OPM-500 is an ideal tester designed for active optical fiber networks. When used in conjunction with any third party optical light source or the OLS-200 from CTC Union, the actual optical attenuation of a fiber link can be determined during pre-installation of active devices or for troubleshooting in-field fiber problems.

Features

- Highly stable laser light level & power measurement
- Industry standard fiber connector adapters for FC
- Backlit LCD display with auto shutoff
- Selectable wavelengths 850 ~ 1550nm
- Built-in Lithium Ion rechargeable battery
- Works up to 48 hours on full charge
- Auto power off after 10 minutes idle
- Easy to operate via keys and LCD display
- Portable and light weight
- Use with OLS-200 or any other third party light source

Specifications

Model	OPM-500A	OPM-500B
Dynamic Range	-70 ~ +3	-50 ~ +26
Wavelength range(nm)	800 ~ 1700	
Connector	FC/PC (optional SC, ST)	
Working Wavelength(nm)	850, 980, 1300, 1310, 1490, 1550	
Resolution(dB)	0.01	
Temperature	-10 ~ 60°C (Operating), -25 ~ 70°C (Storage)	
Diode Type	InGaAs PIN ph	

Auto shutoff time(min)	10
Battery working time(hrs)	48
Dimensions	33 x 82 x 172 mm (D x W x H)
Power	Internal 7.4V 800mAh rechargeable battery 100~240AC Power Adapter/Charger, 8.4VDC@1A output
Weight	295g



Ordering Information

Model Name	Description
OPM-500A	850, 980, 1300, 1310, 1490, 1550, -70 ~ +3dBm
OPM-500B	850, 980, 1300, 1310, 1490, 1550, -50 ~ +26dBm

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Example: OPM - 500A