

MULTIFUNCTION POWER METER

AX-500 Series



DESCRIPTION

AX500 Multifunctional OPM is specially used for the installation, test and maintenance of all kinds of long-distance and short-distance optical communication network.

AX500 features with ergonomics design that is small and compact, easy to carry and operate and provides stable and reliable performance. It can accurately measure the optical power values of 850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm and 1650nm. Optical loss of optical fiber, optical cable and various passive optical devices when connected to the laser source. Furthermore, AX500 also has flashlight, VFL and RJ45 cable testing functions, which come as standard featured.

FEATURES

- High performance imported optical detector
- Multifunctional integration (optical power meter, VFL, RJ45 cable test, flashlight)
- Continuous working for more than 80 hours
- USB interface charging

SPECIFICATIONS

Model	AX500-A2	AX500-B10
Calibrated Wavelength (nm)	850/1300/1310/1490/1550/1625/1650	
Wavelength Range (nm)	800~1700	
Measurement Range (dBm)	-70dBm~+6	-50dBm~+26
Detector Type	InGaAs	
Accuracy (%)	±5	
Connector Type (mm)	2.5	
Resolution	Linear Display : 0.1%, Logarithmic Display : 0.01dBm	
Tone Detection (Hz)	270/330/1kHz/2kHz	
VFL Launch Power (mW)	2	10
Network Cable Test	RJ45 Wire Map Testing	
Power Supply	3pcs AAA Dry Cells	Ni-MH Rechargeable Battery (Type C Charger)
Working Temperature (°C)	-10 ~ +50	
Storage Temperature (°C)	-25 ~ +70	
Relative Humidity	0~95% (Non-condensing)	
Auto Power	10min	
Size (mm)	104 x 67 x 28	
Weight (g)	140	

ORDERING INFORMATION

Part No	Description
AX500-A2	Multifunctional Power Meter, -70 to +6dBm, 2mW VFL, RJ45 Cable Test, Flashlight
AX500-B10	Multifunctional Power Meter, -50 to +26dBm, 10mW VFL, RJ45 Cable Test, Flashlight, USB-C Charger

Note : Specifications are subject to change without notice

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KUMPULAN ABEX SDN BHD

+603 5192 2898 | sales@kabex.com.my | www.kabex.com.my | www.photonicshome.com