



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) 850/1300/1310/14>0/1550/1625/1650 Wavelength Range (nm) 800~1700 Measurement Range (dBm) -70dBm~+6 -50dBm~+26 Detector Type InGa-As Accuracy (%) ±5 -50dBm~+26 Connector Type (mm) 2.5 -50dBm~+26 Resolution Linear Display: 0.1%, Logarithmic Display: 0.01dBm -50dBm Tone Detection (Hz) 270/330/±Hz/2kHz -0.01dBm VFL Launch Power (mW) 2 10 Network Cable Test RJ45 Wire Map Testing Ni-MH Rechargeable Battery (Type C Charger) Working Temperature (°C) -10 ~ +50 -10 ~ +50 Storage Temperature (°C) -25 ~ +70 -25 ~ +70 Relative Humidity 0~95% (Non-condensing) -40 Per Charger) Auto Power 10min -50 Per Charger) Size (mm) 104 x 67 x 28 -40 Per Charger) Weight (g) 140 -40 Per Charger)	SPECIFICATIONS		
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	Model	AX500-A2	AX500-B10
Measurement Range (dBm) -70dBm~+6 -50dBm~+26 Detector Type InGabs Accuracy (%) ±5 Connector Type (mm) 2.5 Resolution Linear Display: 0.1%, Logarithmic Display: 0.01dBm Tone Detection (Hz) 270/330/1tHz/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) 10d x 67 x 28	Calibrated Wavelength (nm)	850/1300/1310/1490/1550/1625/1650	
Detector Type Accuracy (%) 4:5 Connector Type (mm) 2.5 Resolution Linear Display: 0.1%, Logarithmic Display: 0.01dBm Tone Detection (Hz) 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) Storage Temperature (°C) Relative Humidity 0°95% (Non-condensing) Auto Power Size (mm) 104 x 67 x 28	Wavelength Range (nm)	800~1700	
Accuracy (%) Connector Type (mm) Resolution Linear Display: 0.1%, Logarithmic Display: 0.01dBm Tone Detection (Hz) 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) Storage Temperature (°C) Relative Humidity O°95% (Non-condensing) Auto Power 10mi Size (mm)	Measurement Range (dBm)	-70dBm~+6	-50dBm~+26
Connector Type (mm)2.5ResolutionLinear Display: 0.1%, Logarithmic Display: 0.01dBmTone Detection (Hz)270/330/1kHz/2kHzVFL Launch Power (mW)210Network Cable TestRJ45 Wire Map TestingPower Supply3pcs AAA Dry CellsNi-MH Rechargeable Battery (Type C Charger)Working Temperature (°C)-10 ~ +50Storage Temperature (°C)-25 ~ +70Relative Humidity0~95% (Non-condensing)Auto Power10minSize (mm)104 x 67 x 28	Detector Type	InGaAs	
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Tone Detection (Hz) 270/330/1 Hz/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	Connector Type (mm)	2.5	
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	Resolution	Linear Display: 0.1%, Loga	arithmic Display: 0.01dBm
Network Cable TestRJ45 Wire Map TestingPower Supply3pcs AAA Dry CellsNi-MH Rechargeable Battery (Type C Charger)Working Temperature (°C)-10 ~ +50Storage Temperature (°C)-25 ~ +70Relative Humidity0~95% (Non-condensing)Auto Power10minSize (mm)104 x 67 x 28	Tone Detection (Hz)	270/330/1kHz/2kHz	
Power Supply3pcs AAA Dry CellsNi-MH Rechargeable Battery (Type C Charger)Working Temperature (⁰C)-10 ~ +50Storage Temperature (⁰C)-25 ~ +70Relative Humidity0~95% (Non-condensing)Auto Power10minSize (mm)104 x 67 x 28	VFL Launch Power (mW)	2	10
Working Temperature (°C) Storage Temperature (°C) Relative Humidity Auto Power Size (mm) Organical AAA Dry Cells (Type C Charger) 100 104 × 67 × 28	Network Cable Test	RJ45 Wire Map Testing	
Storage Temperature (°C)-25 ~ +70Relative Humidity0~95% (Non-condensing)Auto Power10minSize (mm)104 x 67 x 28	Power Supply	3pcs AAA Dry Cells	
Relative Humidity 0~95% (Non-condensing) Auto Power 10min Size (mm) 104 x 67 x 28	Working Temperature (°C)	-10 ~ +50	
Auto Power 10min Size (mm) 104 x 67 x 28	Storage Temperature (ºC)	-25 ~ +70	
Size (mm) 104 x 67 x 28	Relative Humidity	0~95% (Non-condensing)	
	Auto Power	10min	
Weight (g) 140	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

1