



GAOTek **Mini Optical Power Meter** is a compact device which provides stable performance and ensures high measuring precision of 850 nm, 1300 nm, 1310 nm, 1490 nm, 1550 nm and 1625 nm wavelengths. It comes with an adjustable automatic measuring range and power indication. It can be used together with the Optical Laser source to measure the loss of fiber, cable and other passive optical device. It is also useful in the maintenance and testing of telecommunication networks.

KEY FEATURES

- ✓ 0.09 in (2.5 mm) universal interface (support FC/SC/ST connectors)
- ✓ Relative value measurement
- ✓ Linear optical power and logarithmic power display
- ✓ Adjustable Automatic measuring range and power indication
- ✓ Low power consumption, continuous work for more than 100 hours
- ✓ Compact and portable design

APPLICATIONS

Maintenance and test of telecommunication line

Used for testing optical loss in cable and other passive optical networks.

Used for testing of FTTx networks

TECHNICAL SPECIFICATIONS

Type	GAO-OPM-108-A	GAO-OPM-108-B
Display Range	+10 dBm to -70 dBm (1550 nm)	+26 dBm to -50 dBm (1550 nm)
Calibrated Wavelengths	850 nm, 1300 nm, 1310 nm, 1490 nm, 1550 nm and 1625 nm	
Sensor Type	In GaAs	
Fiber Type	0.03 in (0.9 mm), 0.25 in (0.009 mm), 0.07 in (2 mm), 0.11 in (3 mm)	
Resolution	0.01 dB	
Accuracy	0.35 dB ± 1 nW	0.35 dB ± 1 nW
Power Supply	2 * AAA dry batteries	
Battery Life	About 230 hours; stand-by time is about 3,500 hours	
Working Temperature	14 °F ~ +140 °F (-10 °C ~ 60 °C) <90 % RH	
Storage Temperature	-4 °F ~ +158 °F (-20 °C ~ 70 °C) <90 % RH	
Dimensions (L x W x H)	4.72 in x 1.29 in x 1.18 in (120 mm x 33 mm x 30 mm)	
Weight	0.15 lbs. (70 g)	