User's Guide to the PROLITE-17

Mini Optical Power Meter

PROMAX

Specifications

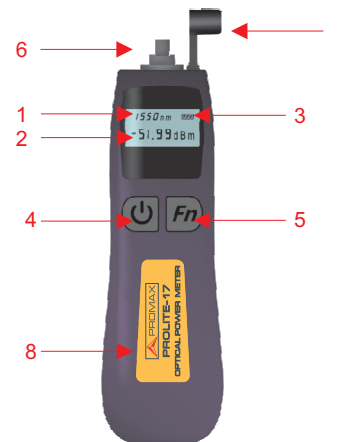| Type	PROLITE-17
Display Range	+10 ~ -70 dBm @1550 nm
Resolution(dB)	0.01
Calibrated Wavelength (nm)	850/1300/1310/1550/1490/1625
Sensor Type	InGaAs
Accuracy ①	0.35 dB ±1 nW
Working Wavelength (nm)	800 ~ 1700
Continuous Working Hours ②	About 80 hours(stand-by time: About 1600 hours)
Power Source	Operates with two AAA batteries
Working Temp	-0 ~ +40 °C; <90% RH
Storage Temp	-20 ~ +70 °C; <90 % RH
Accessory	2 pieces of AAA batteries, Quick guide, Packing box, Carrying case
Dimension	L120 mm * W33 mm * H30 mm / About 70 g

Note:

① With 1550 nm mode, under 23 °C ± 3 °C test condition.

② New battery, under 23 °C ± 3 °C test condition.

Description

PROLITE-17 Pen type optical power meter has compact structure and stable performance, ensure high measuring precision of 850 nm, 1300 nm, 1310 nm, 1490 nm, 1550 nm and 1625 nm wavelengths. Use together with GS series optical source could accurately measure the loss of fiber, cable and other passive optical device.

Features

- InGaAs sensor head.
- 2.5 mm universal interface(support FC/SC/ST connectors).
- Low power consumption, continously work more than 80 hours.
- Linear optical power and logarithmic power display.
- Power remains indication. Relative value measurement function.
- Compact and portable design.

Control Panel

Num.	Icon	Description
1	850/1300/1310/ 1490/1550/1625 nm	Display current wave length.
2	-51.99 dBm	Display current power value.
3	🔋	Indicate remaining capacity of batteries.
4	⏻	Power Switch: **long press** (2 s) to turn on/off the power. **short press** (1.5 s) to turn on/off backlight.
5	Fn	Fn button: **short press** (1.5 s) to switch between wavelengths. **long pres** (2 s) to set reference value.
6	Interface	2.5 mm standard interface.
7	Dust Cap	Resist dust for interface.
8	Battery Compartments	Install with 2* AAA batteries.