

# PROLITE-11B Pocket visual fault locator

- ✓ **Small, pocket-size fault locator.**
- ✓ **Universal adapter. Fits any fibre.**

**PROLITE-11B** is a new, powerful, mini visual laser source for fiber fault locating. It has attractive design and small size and it is easy to operate.

Visual fault locator is typically used to inspect damaged or broken point of an optical fiber, cable or patch cord. The leaking red light from the damage reveals the faulty spot. Another way of using **PROLITE-11B** is to identify individual fibers from other fibers for example at ODF.



- ✓ **Universal 2.5 mm adapter (allows connecting FC, SC and ST connectors).**
- ✓ **Uses AAA standard batteries (2 pcs).**
- ✓ **Includes carrying bag.**

SPECIFICATIONS	PROLITE-11B - Pocket visual fault locator
Laser class	Class IIIA
Output power	≥ 1 mW
Operating range	Approx. 8 km (detecting range will be different with different fibers)
Laser type	Laser diode
Optical connector	2.5 mm universal (allows connecting FC, SC and ST connectors)
Wavelength	650 nm ±10 nm
Modulations	Continuous / 2 Hz
<b>POWER SUPPLY</b>	2 x AAA LR03 batteries. Battery life: About 23 hours (*)
<b>INCLUDED ACCESSORIES</b>	2 x AAA batteries, Manual, Carrying case
<b>MECHANICAL FEATURES</b>	
Dimensions	W. 120 x H. 33 x D. 30 mm
Weight	About 67.8 g

(\*) Tested with 2 x AAA batteries at 23 °C ±3 °C

## PROLITE-17 Pocket optical meter

- ✓ **Small, pocket-size optical meter.**
- ✓ **850-1625 nm (+10 to -70 dBm).**

The **PROLITE-17** pocket-sized optical power meter has compact structure and stable performance. It ensures high measuring precision of 850 nm, 1300 nm, 1310 nm, 1490 nm, 1550 nm and 1625 nm wavelengths.

**PROLITE-17** is ideal to be carried out at any time.



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

SPECIFICATIONS	PROLITE-63B - Pocket optical meter
Measurement range	+10 to -70dBm @1550nm
Resolution	0.01 dB
Calibrated Wavelengths	850, 1300, 1310, 1550, 1490 and 1625 nm
Sensor Type	InGaAs
Accuracy (*)	0.35 dB $\pm$ 1 nW
Working Wavelength	800 ~ 1700 nm
<b>POWER SUPPLY</b>	2 x AAA batteries
Battery life (**)	About 80 hours (stand-by time: About 1600 hours)
<b>INCLUDED ACCESSORIES</b>	2 x AAA batteries, Quick guide, Packing box, Carrying case
<b>MECHANICAL FEATURES</b>	
Dimensions	W. 120 x H. 33 x D. 30 mm
Weight	About 70 g

(\*) Accuracy under 1550 nm mode, 23 °C  $\pm$  3 °C.  
 (\*\*) Tested with a new battery, under 23 °C  $\pm$  3 °C.

## **PROLITE-63B** Low cost optical power meter

- ✓ **Wide dynamic range, great capacity of power metering.**
- ✓ **Digital communication with PROLITE-55 light source for auto wavelength recognition.**

The **PROLITE-63B** is a functional and intelligent optical power meter. Under the situation of laboratory, LANs, WANs and CATV as well as long distance optical network, the optical power meters, together with **PROMAX LASER** sources can be used to identify optical fiber, measure optical attenuation, verify continuity and evaluate fiber link transmission quality.

Its memory capacity extends up to 999 data items. **PROLITE-63B** enables data transfer to a PC via USB connection. With the software, the data sheet can be saved as MS Excel or TXT, and printed out directly.



- ✓ **Referencing function.**
- ✓ **Memory capacity of 999 data items; enables data transfer to a PC via USB connection.**
- ✓ **LCD backlight for easy operation in darker environments.**
- ✓ **More connectors are optional and interchangeable by the user.**
- ✓ **Two powering systems: Internal rechargeable batteries or AC adaptor.**
- ✓ **Wide dynamic range and high power measurement capability.**
- ✓ **High accuracy and Stabilized.**
- ✓ **Auto poweroff function: saves the power and low power consumption allows extended operation in the field.**
- ✓ **Interchangeable fiber-optic adapters: ST, FC and SC**

# **PROLITE-63B** Low cost optical power meter

<b>SPECIFICATIONS</b>	<b>PROLITE-63B - Low cost optical power meter</b>
Calibrated Wavelengths	850 / 1300 / 1310 / 1490 / 1550 / 1625 nm
Detector Type	InGaAs
Interchangeable output connectors	ST, FC and SC
Accuracy (*)	±0.2 dB ±1 nW
Resolution	0.01 dB
Linearity	±5 %
Back Light	Yes
Reference Value	Yes
Measuring Range	-70 to +10 dBm @1550nm
USB Interface	Yes
Data Storage	Yes
Wavelength Recognize	≥ -40dB
Tone Detection (Hz)	270, 1K, 2K ≥ -40dB
<b>POWER SUPPLY</b>	4 x Ni-MH 2500 mAh batteries or 6 V AC/DC Adaptor
Auto Power Off	Yes
<b>MECHANICAL FEATURES</b>	
Dimensions	W. 76 x H. 160 x D. 45 mm
Weight	270 g

(\*) Accuracy at 1550nm, CW, 23±3°C, Relative Humidity ≤70%, with FC connector.

## DIPROGRESS



### Misuratore di Potenza Ottica portatile

- Power meter per la misurazione della potenza ottica in reti di distribuzione in fibra doppia funzione
- Misura potenza su diverse lunghezze d'onda (850, 980, 1300, 1310, 1490, 1550, 1620 nm)
- Emittitore Laser Rosso visibile per il test di continuità di cavi ottici
- Range di misurazione: da -70dBm a +6dBm

DP0023E	Specifiche
Lunghezza d'onda	850, 980, 1300, 1310, 1490, 1550, 1620 nm
Range misura potenza	-70 ... +6dBm
Precisione misura	+/- 0,3dB
Connettore uscita ottica	2.5mm ST, SC, FC
Laser Uscita (VFL)	>10mW
Auto Spegnimento	Si
Alimentazione	Batteria ricaricabile 3.7V x 3