

## PROLITE-82 DOUBLE WAVELENGTH (850 / 1300 nm) MULTIMODE LASER SOURCE

**PROLITE-82** is an **ultra compact LASER source** whose output wavelengths (850 nm or 1300 nm) have an excellent stability. Thanks to its compact size and rugged design, it is perfect to take it with you in to go with the rest of tools for installing and measuring optical fiber. Both wavelengths can be configured both in **continuous wave (CW)** mode and in **modulated wave** and share the same output optical connector. It includes a battery charge indicator with low battery warning.

### CONTINUOUS WAVE (CW) OR MODULATED WAVE OUTPUT (270 Hz, 1 kHz, 2 kHz)

- ✓ Wavelength: 850 nm or 1300 nm.
- ✓ Single output connector.
- ✓ LASER source for multimode fibers.
- ✓ Rugged, ergonomic and compact design.
- ✓ Power supply from 4 standard AAA-size. Charge indicator, low level warning and auto power-off.



### COMPATIBLE WITH THE POWER METER **PROLITE-63B** TO CONFORM A COMPLETE SET OF OPTICAL FIBER TESTING

SPECIFICATIONS	PROLITE-82 DOUBLE WAVELENGTH MULTIMODE LASER SOURCE
Output wavelengths	850 nm, 1300 nm
Emitter type	LD
Connector	FC/PC
Output stability	< 0.1 dB (15 minutes) < 0.2 dB (5 hours or more)
Central wavelength	850 nm ±10 nm 1300 nm ±20 nm
Spectral width	5 nm
Selectable output frequencies	270 Hz, 1 kHz, 2 kHz
Output power	-5 dBm ±0.5 dB
Accuracy	±1 dB
Auto power off function	After 10 minutes of inactivity or when battery level is critical
Operating temperature	-10 to +50 °C
Storage temperature	-20 to +70 °C
Power supply	4 standard AAA batteries
Dimensions and Weight	57 (W.) x 115 (H.) x 30 (D.) mm / 140 g
Accessories	FC/PC adapter, 4 AAA batteries, Carrying bag, Quality check report, Quick reference guide

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT PRIOR NOTICE. 10/22