



Product Overview

Can provide 1 to 4 output wavelengths to meet specific requirements, including the 650nm red source and the 1310/1550nm wavelengths for single mode fiber or the 850/1300nm wavelengths for multimode fiber, as well as other wavelengths according to customer needs. Together with the TPM-1807 optical power meter, it is a perfect solution for the fiber optic network characterization.

Applications

- Maintenance in Telecom.
- Maintenance CATV.
- Test Lab of optical fibers.
- Other Fiber Optic Measurements.

Features

- CW, 2Hz modulation output at 650nm, and CW, 270Hz, 1KHz, 2KHz modulation output at other wavelengths.
- Provides 1~4 output wavelengths which can be optional according to customer's needs.
- High stability of the output power.
- Stable output wavelength.
- Backlight LCD display supports night operation.
- Compact size and decent appearance.
- Large LCD, easy operation.

Specifications

Type	TLS-1808			
Wavelengths(nm)	650	1310/1550	850/1300	850/1300/1310/1550
Emitter Type	FP-LD,LED or others please specify			
Typical Output Power (dBm)	0	-7dBm for LD, -20dBm for LED		
Spectral Width(nm)	1. ≤10			
Output Stability	±0.05dB/15mins; ±0.1dB/ 8hours			
Modulation Frequencies	CW,2Hz		CW,270Hz,1KHz,2KHz	
Optical Connector	FC/ universal adaptor		FC/PC	
Power Supply	Alkaline Battery(3 AA 1.5V batteries)			
Battery Operating Time(hour)	45			
Operating Temperature(℃)	-10~+60			
Storage Temperature(℃)	-25~+70			
Dimension(mm)	175x82x33			
Weight (g)	295			

Recommendation

TLS-1808 Handheld Light Source is designed for optimal use with TPM-1807 Optical Power Meter for measuring optical loss on both single mode and multimode fiber cable.

MODEL

INCLUDES

All Models	TLS-1808	TLS-1808 Optical Light Source, Protective Rubber Boot, 3pcs 1.5V Batteries, Instruction Manual, Cotton Tampon and Soft Carrying Case.
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