

Optical Light Source-----RA3109 Series

RA3109 optical light source 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 RA3208 optical power meter, it is a perfect solution for the fiber optic network characterization.

Features

- Provides 1~4 output wavelengths which can be optional according to customer's needs
- CW, 2Hz modulation output at 650nm, and CW, 270Hz,1KHz,2KHz modulation output at other wavelengths.
- High stability of the output power
- Stable output wavelength
- Backlight LCD display supports night operation
- Compact size and decent appearance
- Large LCD, easy operation
- Alternative 10 minutes Auto-off function conserving battery life

Applications

Maintenance in Telecom

Maintenance CATV

Fiber Optic Lab Testing

Other Fiber Optic Measurements



Specifications

Type	RA3109			
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(°C)	-10~+60			
Storage Temperature(°C)	-25~+70			
Dimension(mm)	175x82x33			
Weight (g)	295			

Recommendation

RA3109 Handheld Light Source is designed for optimal use with **RA3208** Optical Power Meter for measuring optical loss on both single mode and multimode fiber cable.

Standard Packages

MODEL	INCLUDES
All RA3109 Models	RA3109 Optical Light Source, Protective Rubber Boot, 3pcs 1.5V batteries,User Manual, Cotton swabs and Soft carrying case.