

# CMA5 Handhelds

## SPECIFICATIONS

Light Source 850, 1300, 1310, 1550 nm



The CMA5 Series Light Sources provide an economical and stable laser source for use in point-to-point attenuation measurement. They feature a rugged design, built to withstand the difficult testing environment of fiber optic cable installation and maintenance.

A dual-way powering system including a 9V battery and an optional power adapter, ensure the CMA5 series will adapt to any situation. To further protect your investment, a 3 year warranty is standard.

The CMA5 Light Sources are ideal for testing single-mode and multimode fibers as they are offered in a variety of wavelengths to meet testing applications from datacom with 850 and 1300nm to WDM with 1310/1550/1625 nm wavelength. Single and dual wavelengths models are available and have only one output port.

Based on advanced technologies of precision laser control, with modulation tones and no warm up time, the CMA5 Series helps reduce measurement time.

### Key Benefits

- Pocket-sized and rugged design
- Three-year warranty
- Up to two wavelengths on a single port to address all network types, from datacom to WDM
- Interchangeable fiber-optic adapters

### Light Source

#### Single Wavelength Light Source

Model	5L8	5L3	5L5	5L6
Emitter Type	Laser Diode	Laser Diode	Laser Diode	Laser Diode
Wavelength	850 nm $\pm$ 20 nm	1310 nm $\pm$ 20 nm	1550 nm $\pm$ 20 nm	1625 nm $\pm$ 20 nm
Output Power	-7 dBm (on MM fiber)	-7 dBm (on SM fiber)	-7 dBm (on SM fiber)	-7 dBm (on SM fiber)
Source Linewidth	<5 nm	<5 nm	<5 nm	<5 nm

#### Dual Wavelength Light Source

Model	5L83	5L35
Emitter Type	Laser Diode	Laser Diode
Wavelength	850/1300 nm $\pm$ 20 nm	1310/1550 $\pm$ 20 nm
Output Power	-7 dBm (on MM fiber)	-7 dBm (on SM fiber)
Source Linewidth	<5 nm	<5 nm

General Specifications	
Wavelength Accuracy at 25°C	± 20 nm
Stability (8 hours)	±0.1 dB
Modulation	CW, 270Hz, 1kHz, or 2 kHz
Warranty	3 years
Warm Up time	0s
Display	LED indicators
Power Supply	9V battery or optional 9V AC adapter
Battery Warning	Yes
Auto Shutoff	Yes
Output Connector	FC, SC, ST
Dimensions	145 x 75 x 25 mm
Weight	250g
Operational Temperature Range	-10°C to +50°C
Storage Temperature Range	-25°C to + 60°C
Relative Humidity	0% to 95% non-condensing

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