

CMA5 Handhelds

SPECIFICATIONS

Power Meter 850, 1300, 1310, 1490, 1550, 1625 nm



The CMA5 Series Power Meters are economical, accurate and easy-to-use handheld units for attenuation and power throughput measurements on point-to-point fiber optic links.

They feature a rugged design, built to withstand the difficult testing environment of fiber optic cable installation and maintenance. A large LCD display and a dual-way powering system including a 9V battery and an optional power adapter, ensure the CMA5 Series will adapt to any situation.

With no warm up time, fast response time, auto-zeroing capabilities and tone detection, the CMA5 Series helps reduce measurement time.

The CMA5 Power Meters are ideal for testing single-mode and multimode fibers in various types of applications, thanks to multiple wavelength calibration at 850/1300 nm for datacom testing needs, 1310/1550/1625 nm for all WDM testing, as well as 1490 nm for FTTx testing needs.

Its linear amplifier technology combined with InGaAs detector ensure long-time accuracy and all units come with a 3 year warranty.

Key Benefits

- Pocket-sized and rugged design
- Three-year warranty
- Multiple calibration wavelengths to address all network types: datacom, multimedia, WDM as well as FTTx
- High input power capacity enables optical amplifier characterization and multimedia/CATV measurements

Handheld Power Meter				
Specifications				
Model	5P100	5P200	5P100C	5P200C
Connector Adapter ¹	FC, SC, ST	LC, FC, SC, ST	FC, SC, ST	LC, FC, SC, ST
Fiber Type	MM/SM		MM/SM	
Calibrated Wavelengths	850, 1300, 1310, 1490, 1550, 1625 nm		850, 1300, 1310, 1490, 1550, 1625 nm	
Power Range	+10 to -60 dBm		+23 to -50 dBm	
Guaranteed Specifications Power Range	+5 to -60 dBm (+10 to -50 dBm at 850 nm)		+23 to -40 dBm	
Accuracy ²	±0.2 dBm		±0.2 dBm	
Linearity ²	±0.2 dB		±0.2 dB	
Modulation Detect	2 kHz		2 kHz	
Stability (8 Hours) ³	±0.1 dB		±0.1 dB	
Warranty	3 years		3 years	
Auto-Zeroing	Yes		Yes	
Warm Up Time	0s		0s	

Notes

CMA5 Power Meter could be used in conjunction with CMA5 Light source as well as CMA50, the all-in-one Handheld tester.

¹ 5P100 and 5P200 connector adapters are different. LC is only available on 5P200 series.

² ±0.5 dB at 850 nm

³ At 25°C

Specifications				
Model	5P100	5P200	5P100C	5P200C
Connector Adapter ¹	FC, SC, ST	LC, FC, SC, ST	FC, SC, ST	LC, FC, SC, ST
Display	LCD		LCD	
Power Supply	9V battery or optional AC adapter		9V battery or optional AC adapter	
Dimensions	145 X 75 X 25 mm ³		145 X 75 X 25 mm ³	
Weight	250g		250g	
Operational Temperature Range	-10° to +50°C		-10° to +50°C	
Storage Temperature Range	-25° to+60°C		-25° to+60°C	
Relative Humidity	5% to 95% non-condensing		5% to 95% non-condensing	

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