

MULTICHANNEL POWER MONITOR ARRAY

EigenLight's Multichannel Power Monitor Array simultaneously measures the optical power carried by multiple fiber channels. These devices are designed for live testing of fiber optic systems without compromising system performance. Combined with EigenLight's Power Monitoring Software, the power level of each channel can be monitored and data can be logged for post-processing analysis.



FEATURES

- Power measurement from -40 dBm to +26 dBm
- Absolute or relative power measurement on each channel
- Power Monitoring Software for Data Logging, Monitoring and Control
- USB Interface

STANDARD SPECIFICATIONS

	Model AAxx1x Standard Monitor		Model AAxx2x Low Loss, High Power
Fiber Type	SMF	MM	SMF
Insertion Loss (dB) ¹	≤0.5	≤1.5	≤0.2
Power Range (dBm)	-50 to +16	-50 to +16	-40 to +26
Absolute Accuracy (dB) ²	+/-0.2	+/-0.3	+/-0.2
Directivity (dB) ³	≥20	0	≥20
Polarization Stability (dB)	≤0.2, ≤0.1	NA	≤0.2, ≤0.1
Modal Sensitivity (dB)	NA	≤1	NA
Extinction Ratio (dB)	NA	NA	NA
Output Interface	USB		
Operating Temperature	0°C to +40°C		
Storage Temperature	-10°C to +60°C		
Size (Housing Only)	16.7" W x 3.5" H x 10" D		
Weight	5 to 12 pounds		
Housing Material	Anodized Aluminum		

1. Excludes connector losses
2. Measured at the output and calibrated wavelengths
3. Measured at 1550 nm



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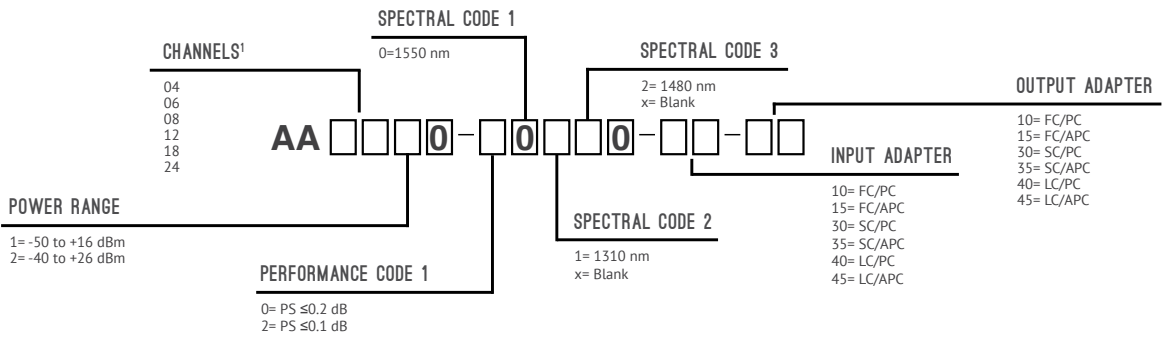
Power Monitoring Software



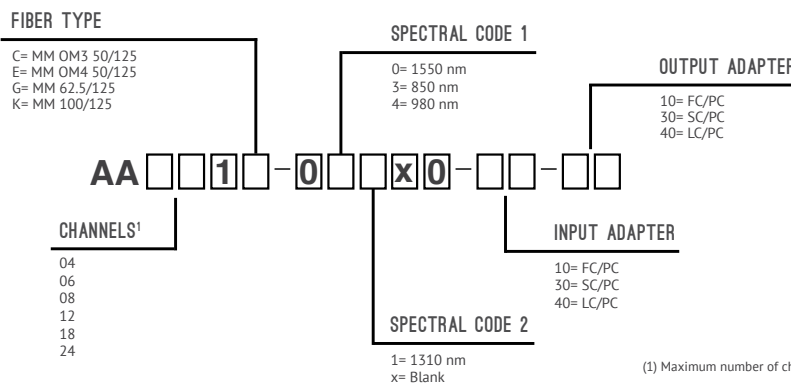
EigenLight's Power Monitoring Software is designed for use with Series 500 Power Monitors and Power Monitor Arrays. The software allows datalogging and remote control of up to 24 channels simultaneously.

Ordering Information

Single Mode Fiber Only (SMF)



Multimode Fiber Only (MMF)



(1) Maximum number of channels for FC and SC adapters is 12.