

Fiber Optic Power Monitor Array



EigenLight's Fiber Optic Power Monitor Array simultaneously measures the optical power carried by multiple fiber channels. The instrument provides the user with an LCD readout for each channel and a computer interface for remote data logging. Power Monitor Arrays are available with 2, 4, or 8 channels and are designed for live testing in fiberoptic systems.

FEATURES

- Power measurement from -40 dBm to +26 dBm
- LCD display for each channel
- Absolute or relative power measurement on each channel
- RS232 or RS485 output

SPECIFICATIONS

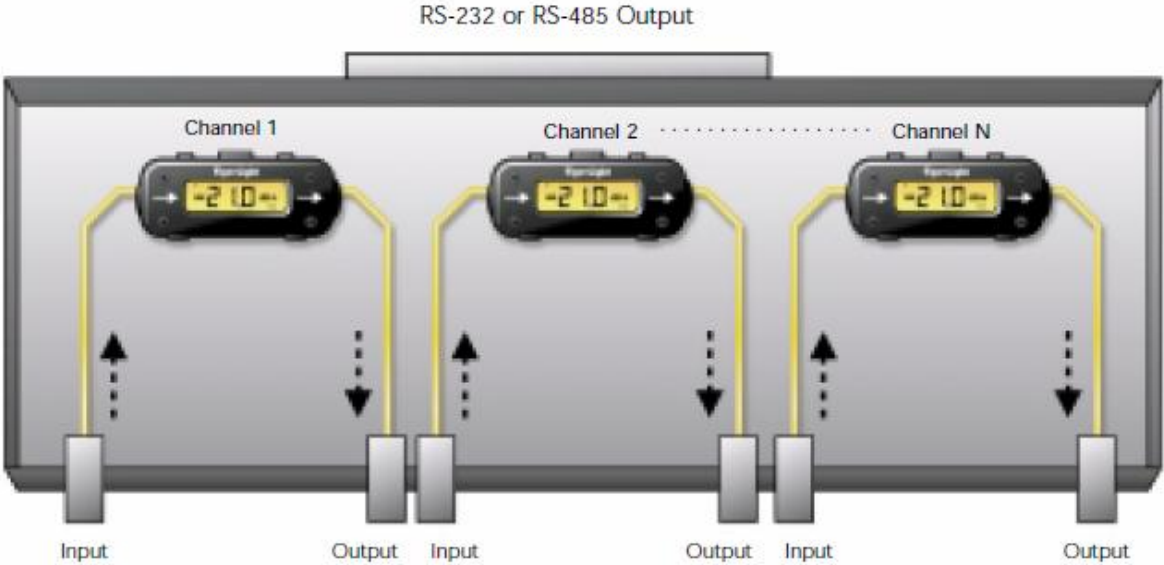
	AX10	AX20
Power Range	-50 to +16 dBm	-40 to +26 dBm
Insertion Loss	<0.5 dB	<0.2 dB
Absolute Accuracy ¹	+/- 0.2 dB	+/- 0.2 dB
Return Loss	>70 dB	>70 dB
Operating Temperature	10°C to +35°C	
Storage Temperature	-10°C to +60°C	
Power	120 VAC	
Displays	Liquid Crystal	
Functions	DBm/dB Each Channel	
Display Refresh Rate	0.1 Seconds	
Display Resolution	0.1 dB	
Data Output	RS-232 or RS-485	
Case Material ²	Anodized Aluminum	
Size (8 Channel)	16.7"W x 5.22"H x 12"D	
Size (2,4 Channel)	16.7"W x 3.5"H x 8"D	
Weight (8 Channel)	7 lbs	
Weight (2,4 Channel)	5 lbs	

1. Measured at output and calibrated wavelengths

2. Comes with rack mounting hardware for standard 19" rack

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Monitor Array Block Diagram



Ordering Information for Monitor Array

Number of Channels
2, 4 or 8 Channels

Power Range
1 = -50 to +16 dBm
2 = -40 to +26 dBm

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Connector Type
See Table On Right

Data Output
1 = RS-232
2 = RS-485

Connectors

Code	Connector Type
10	FC
15	FC/APC
20	ST
25	ST/APC
30	SC
35	SC/APC