

# Power Monitor Array



**EigenLight's 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 +28 dBm
- LCD display for each channel
- Absolute or relative power measurement on each channel
- RS232 or RS485 output

## SPECIFICATIONS

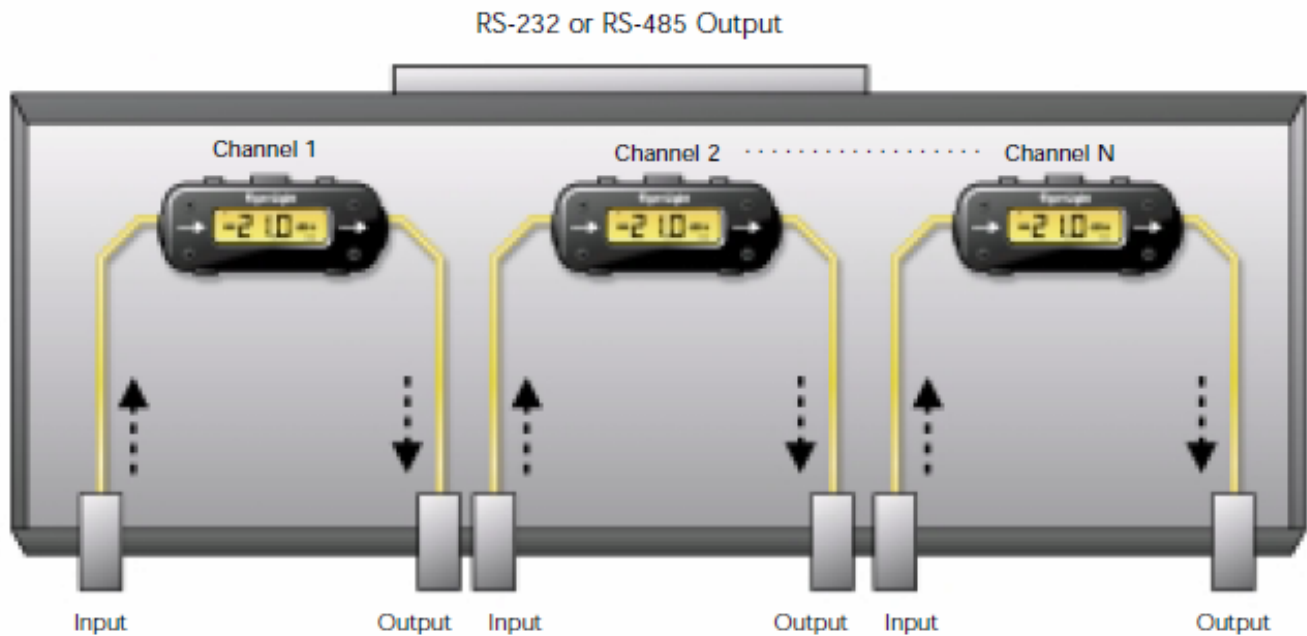
	AX10	AX20
Power Range	-50 to +18 dBm	-40 to +28 dBm
Insertion Loss	<1.0 dB	<0.3 dB
Absolute Accuracy <sup>1</sup>	+/- 0.2 dBm	+/- 0.2 dBm
Return Loss	>60 dB	>60 dB
Operating Temperature	10°C to +35°C	
Storage Temperature	-10°C to +60°C	
Power	120 VAC	
Displays	Liquid Crystal	
Functions	DBm/dB Each Channel	
Display Refresh Rate	0.1 Seconds	
Display Resolution	0.1 dB	
Data Output	RS-232 or RS-485	
Case Material <sup>2</sup>	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

## Power Monitor Array

### Monitor Array Block Diagram



### Ordering Information for Monitor Array

**Number of Channels**

2, 4 or 8 Channels

**Connector Type**

See Table On Right

**Power Range**

1 = -50 to +18 dBm  
2 = -40 to +28 dBm

**Data Output**

1 = RS-232  
2 = RS-485

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#### Connectors

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