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Item # 3129, BPME Broadcast Power Monitor Display

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BPME Broadcast Power Monitor Display**Remote Monitor Panel for the BPME Series Broadcast Power Monitor.**

The 3129 accurately measures power in digitally modulated and multi-carrier systems and displays the BPME status. The single line display is divided into two fields and displays forward power, and either reflected power or the match measurement. An indicator in the lower right of the last digit blinks on and off to indicate communication with the BPME. It also acts as a DC power supply. The unit includes a 50 feet of cable to connect RS-232 and serial ports between 3129 and line section, and serial interface cable.

- Displays match measurements as VSWR, Rho, Return Loss, or efficiency.
- Supplies DC power to the BPME.
- Displays the BPME alarm status.
- Provides an electrical interface for the discrete outputs from the BPME.
- Provides an interface to connect a PC to the BPME.
- VSWR, return loss and match efficiency calculations using hardware or PC-based software displays.
- $\pm 5\%$ of reading accuracy for power, $\pm 10\%$ for VSWR.
- Handles peak to average ratio of greater than 10 dB.

Specifications

Display	20 character LCD with LED backlight
RS-232 Serial Port	Connector: Female DB-9 Protocol: RS-232, 9600 baud, no parity, 8 data bits, 1 stop bit, no handshake
Power/Alarm Parallel Port	Male DB-15 connector
Remote Computer Connector	Connector: Female DB-9 Protocol: RS-232, 9600 baud, no parity, 8 data bits, 1 stop bit, no handshake
Operating Voltage	115/230 VAC at 50/60 Hz

Operating Power	Less than 10 watts
AC Power	115/230 Vac at 50/60 Hz, 0.6 A
AC Connector	North American Power Cord Standard Domestic: Type SVT, 300 Vac, 18 AWG, 10 A, 3 conductor (including ground) International: Type H05W-F, 300 Vac, 1.00 mm, 10 A, 3 conductor (including ground)
Operating Temperature [°C (°F)]	+14 to 122 -10 to +50
Storage Temperature [°C (°F)]	-40 to +80 -40 to +176
Humidity, Max.	95% ±5% max. (non-condensing)
Altitude	3000 m (10,000 ft.)
Dimensions H x W x D [inches (mm)]	5.25 x 19 x 1.75 133.35 x 483 x 44.5
Weight [lbs (kg)]	2 (0.85)

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