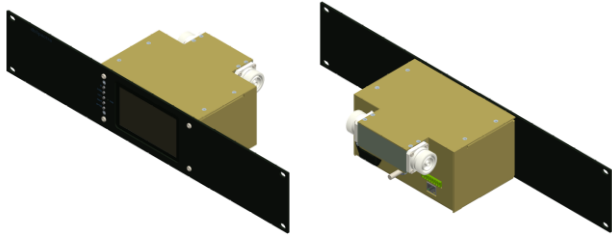


DSAEP-PM Series (851-869 MHz)

Smart RF Power Monitor



DSAEP-PM

This smart power monitor is designed to continuously measure the forward and reflected power conditions of a system's transmitter antenna network. High reflected or low forward power conditions detected by the monitor will automatically trigger remote alarms via SNMP or dry contacts to alert the user.

Features and Benefits

- Measures forward and reflected composite power of a multi-channels system.
- Ability to tune cavity combiners with no test equipment.
- Web Browser Interface for remote configuration and monitoring.
- Front panel touchscreen LCD display (4.3") for local configuration and monitoring.
- SNMP V2C/V3 alarms, with TLS security layer.
- LED indicators for alarm conditions
- PIM Rated to -150 dBc
- Compact 2 RU panel mount

Ordering Information

DSAEP-PM: Single Power Monitor mounted on 2 RU Tray, 12 VDC Power, DIN Female Connectors

Electrical Specifications

Frequency Range, MHz	851-869 MHz
Power Sensor	Bidirectional
Maximum Power Input	500 watts
Impedance, Ohms	50
Measurement Units	Watts, dBm, VSWR, Return Loss
Insertion Loss, dB	< 0.1
PIM	-150 dBc
Modulation Type:	P25 Phase 1 or 2
Smart Tune	Capable of tuning a cavity combiner with no test equipment
Digital Input, PTT line	One, pull to ground, PTT
Output Alarm Relay	Form "C"
Temperature Range	-30 to +60 °C
Power Requirements	12 VDC Input
IP	Yes with TLS security layer
Alarms	SNMP V2c/V3 or dry contact
User Interface	Web Browser or front panel display

Mechanical Specifications

Front Panel LCD Display	4.3" Touchscreen
Mounting	2 RU panel
Construction / Finish	Aluminum / Black
RF Connectors	7/16 DIN Female
Ethernet Connector	RJ-45
DC Power	2 Port Terminal Block
Alarm out, external PTT line	8 port terminal block