

Composite Power Monitor

BENEFITS

- In-line power and return loss measurement
- High dynamic range
- Low passive intermodulation
- Compact design

DESCRIPTION

The Power Monitor provides composite power and return loss measurements and is intended for use as permanent power and antenna supervision device. Interfaces includes integrated web server, SNMP and alarm relay.



PART NUMBERS

Part number	Frequency range
CP01111	150-170 MHz
CP01112	340-480 MHz
CP01107	360-370 MHz
CP01118	400-470 MHz
CP01119	850-870 MHz
CP01142	925-942 MHz

PERFORMANCE CHARACTERISTICS

Specification	RF part
Input power	1-250 W (30-54 dBm)
Insertion loss	<0.10 dB
Input return loss	>20 dB
Output return loss	>20 dB
IM 3 rd order	<-150 dBc at 2*43 dBm
Operating temp.	-10°C to 60°C
Connectors	N-female
Dimensions	120*120*35 mm
Weight	2 lbs
Drawing	OD19271

Specification	Power Monitor (DPM)
Power supply	+12 VDC, 175 mA
Interfaces	Integrated web-server SNMP v2C (with MIB file)
Alarm output	Dry contact
Functions and alarms	Forward power Reflected power Antenna VSWR Low power alarm Temperature
Features	SNTP Firmware update Factory test data

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