

Composite Power Monitor

- Total power monitoring
- Identify issues before they become big problems through remote continuous monitoring of power, antenna VSWR, and device temperature
- Intermodulation hardened
- Available in VHF, 200 MHz, UHF, 7/800 MHz and 900 MHz
- Data is accessed via the integrated web server and SNMP
- Alarms are user configured via Ethernet or SNMP
- Compact form factor

| P/N *) | Frequency | Conn. Tx/ANT |
|---------|-------------|--------------|
| CP01173 | 118-137 MHz | N-f/N-f |
| CP01111 | 150-170 MHz | N-f/N-f |
| CP01152 | 215-225 MHz | N-f/N-f |
| CP01112 | 340-480 MHz | N-f/N-f |
| CP01107 | 360-370 MHz | N-f/N-f |
| CP01118 | 400-470 MHz | N-f/N-f |
| CP01169 | 400-470 MHz | N-m/N-f |
| CP01174 | 470-520 MHz | N-f/N-f |
| CP01119 | 850-870 MHz | N-f/N-f |
| CP01142 | 925-942 MHz | N-f/N-f |



*) For units with 4.3-10 female connectors, please add 4310 suffix to the part number; CP011114310 for CP01111 having 4.3-10 female/female connectors

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 | See table |
| Dimensions | 120*120*35 mm |
| Weight | 2 lbs |
| Drawing | OD19271 |
| User Guide | UG21872 |

| 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 |