

Broadcast Power Monitor

018-300240

PRODUCT FEATURES

- Measure forward and reflected power
- Measure RMS power correct
(018-300234 & 018-300231 probes)
- Measure power level accurately (018-300241)
- Handle alarms exceeding preset level
- Digital output
- Optocoupler output
- Calculate VSWR
- Mounted into 19" Panels up to 3 units side by side
- Mounted standalone onto frames etc.
- Cost effective Site monitoring.
- Simple USB configuration
- Correct reading on any combination of signals.



Article 018-300240

PRODUCT PROFILE

The Entry Level Broadcast Power Monitor type 018-300240 from Exir Broadcasting can control two external RF measuring heads.

The high dynamic range with external couplers and RF measuring heads cover from 1W to 1MW. Equipped with the RMS Probes the Power conversion algorithms handles multi carrier, multi mode signals.

With the 018-300241 Diode base probe the power readout gives good repeatable results. The power readout is auto scaled and VSWR will be calculated

between the two probes. The Entry Level Power Monitor gives a number of application to monitor and control the last part of your RF network installation from transmitters to the antenna.

The Entry Level Power Monitor can use the same probes as the 018-300239. Useable probes are 018-300234 (VHF probe, true RMS), 018-300231 (UHF probe, true RMS) and 018-300241 (10-2500 MHz). Universal power supply will operate at 85 to 264 Volt AC 50/60Hz

Diode Probe 018-300241

PRODUCT FEATURES

- Measure RF in the 10 MHz to 2500 MHz range
- Measure over a large temperature range
- Measure Power Level Accurately
- Connect to "N" Couplers
- TNC DC Output



Article 018-300241

PRODUCT PROFILE

The 018-300241 Diode based temperature compensated probe from Exir Broadcasting is developed to be used with the Entry Level Broadcast Power Monitor, 018-300240 and the Exir high end power meter 018-300239. The probe will handle from 100µW to 400mW (-10dBm to +26dBm). Used with external couplers and the 018-300240 and 018-300239 measurement sys-

tem application from 1W to 1MW and a high dynamic range can be configured. The 018-300241 Diode based probe gives good repeatable results along with the Entry Level Power Monitor gives a number of application to monitor and control the last part of your RF network installation from transmitters to the antenna.