

**BM242**

**Omni  
Directional  
Antenna**

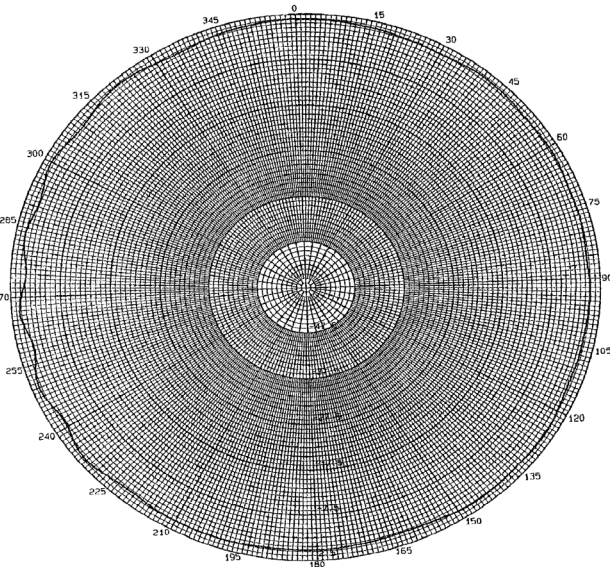
**Specifications**

Frequency Range	2400 - 2485 MHz
Gain	2.5 dBi
Maximum VSWR	2:1 over the operating frequency range
Nominal Impedance	50 ohms
Maximum Power	10 watts
Operating Temperature	-40 °C to +85°C
Radome/Mount	1.75 in diameter x 3 in height
Case Material	UV-resistant ABS plastic
Mounting	5/8 in diameter feed thru, 1/2 in long thread
Hardware	Nut, lock washer & gasket included
Pigtail Cable	1 ft LMR-200, exits at bottom
Pigtail Connector	TNC female
Jumper Cable	Male TNC with LMR-195 cable

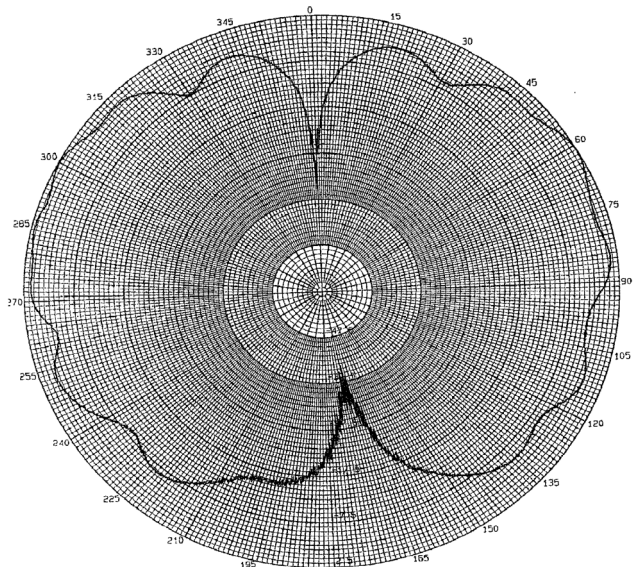


A 5/8 inch feed through is used to secure the antenna to a mounting surface. Access to the underside of the surface is required for installation. The antenna is outfitted with one foot of LMR-200 cable and a TNC female connector. Antenna gain is 2.5 dBi, with no ground plane required for proper operation. The antenna can be mounted on fiberglass or plastic and meet all specifications.

The antenna radome consists of UV-resistant black ABS plastic, with a chrome-plated mounting plate and threaded feed thru. The bottom mounting plate is outfitted with an "O" ring for complete sealing. A lock nut washer is supplied for securing the antenna mounting.



**Magnitude in dB versus Azimuth**



**Magnitude in dB versus Elevation**