

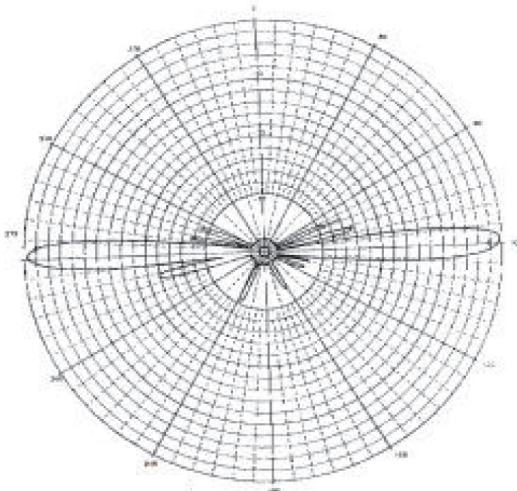
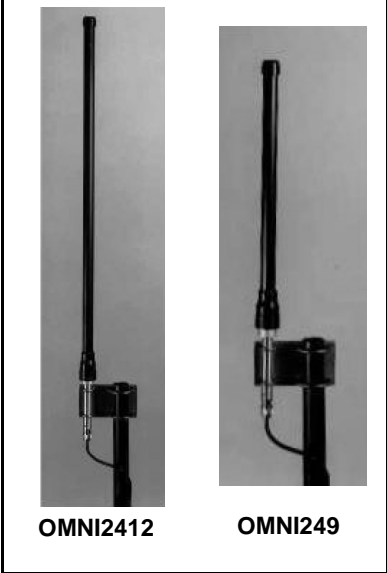


**OMNI2412  
OMNI249**

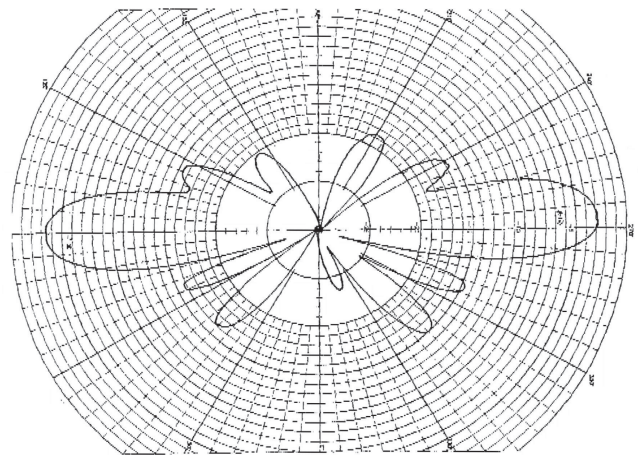
**Omni  
Directional  
Antennas**

**Specifications**

	<b>OMNI2412</b>	<b>OMNI249</b>
Frequency Bandwidth	2.4 GHz	2.4 GHz
Gain	12 dBi	9 dBi
Bandwidth @ 2:1 VSWR	85 MHz	140 MHz
Nominal Impedance	50 ohms	50 ohms
Max. Continuous Power	100 watts	100 watts
Vertical Beam Width	7 degrees	14 degrees
Wind Loading (Flat Plate)	40 in <sup>2</sup> (258 cm <sup>2</sup> )	30 in <sup>2</sup> (193.5 cm <sup>2</sup> )
Rated Wind Velocity	100 mi/h (160 km/h)	100 mi/h (160 km/h)
Lightning Protection	External suppressor recommended	External suppressor recommended
Material (Radome)	Polycarbonate	Polycarbonate
Material (Feed)	Aluminum	Aluminum
Length	41' (104 cm)	27" (68.5 cm)
Weight	2.5 lb (1.1 kg)	2.0 lb (0.9 kg)
Antenna Diameter	1" (2.5 cm)	1" (2.5 cm)
Interface Connector	N Female	N Female
Mounting Kit	Included	Included
Mounting Dimensions	Cylindrical mast up to 2" (5 cm)	Cylindrical mast up to 2" (5 cm)



**Radiation Pattern  
OMNI2412**



**Radiation Pattern  
OMNI249**