

ROSA-902-8-SNF *Omni Antenna for 902-908 MHz*

The ROSA-902-8-SNF is an omni-directional high performance antenna for the 900MHz ISM band. This antenna is collinear designs enclosed in a high density fiberglass, which is covered with a protective ultraviolet inhibiting coating. The radiating elements are made from high efficiency copper and are carefully phased to provide maximum gain in the horizontal plane. The mounting sleeves are tuned to eliminate RF currents from the transmission line, resulting in a “cold” sleeve allowing great freedom in mounting. This high quality and well-focused beam provides the highest gain and best efficiency.

- High performance
- Easy Instalation w/ Optional ROSA-HDMI.
- Special UV treated radome, resists sun damage
- N-female industry stadard connector
- 100% tested on a network analyzer



900 MHz



ROSA-HDMI Mounting Kit

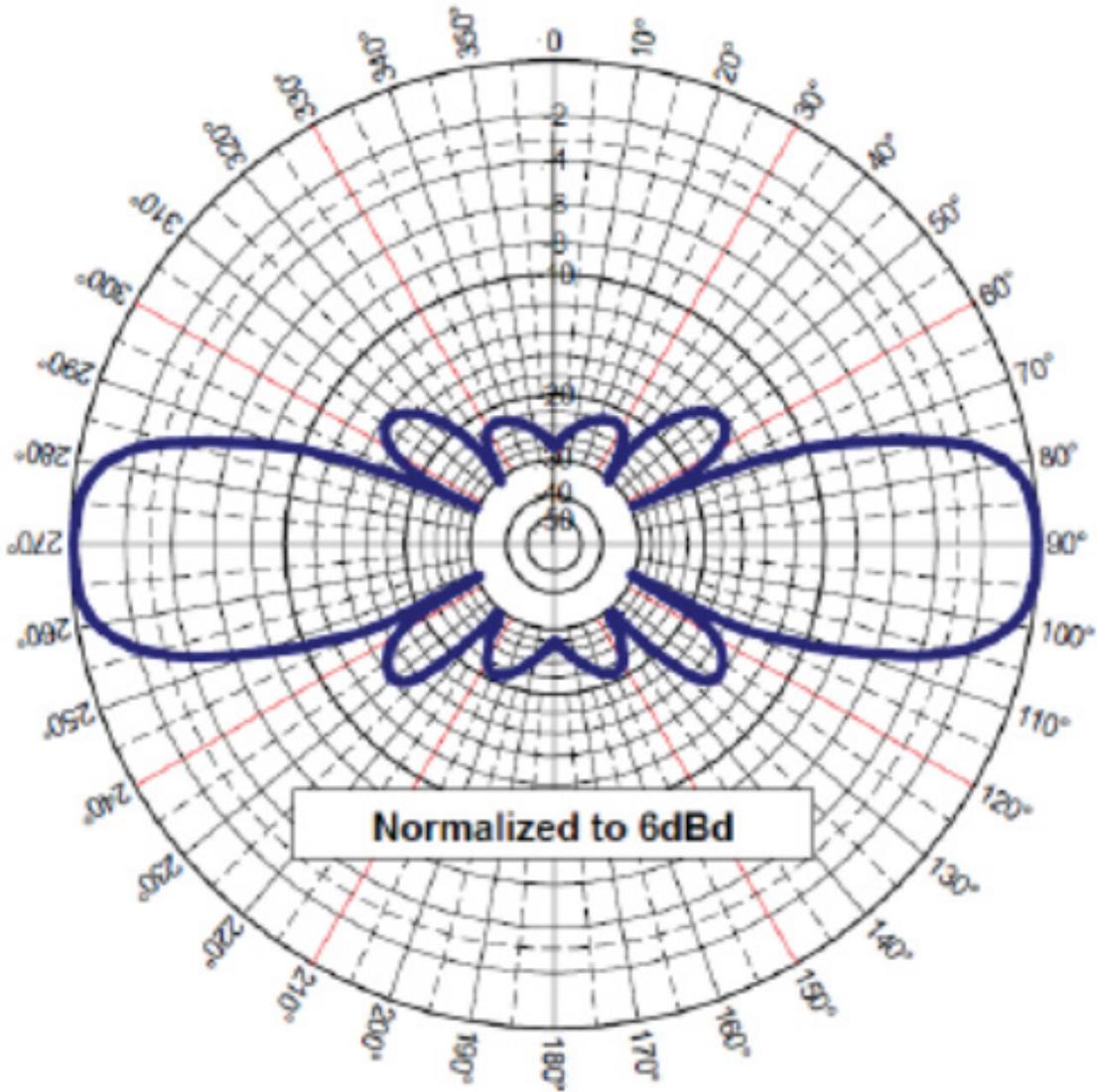


ELECTRICAL DATA

Frequency Range	902 - 928 MHz
VSWR	< 1.5:1
Nominal Gain	8 dBi (6 dBd)
Maximum Power	100 W
Nominal Impedance	50
Polarization	Vertical
Pattern	Omnidirectional
Half-Power Beamwidth (Coverage Pattern)	Horizontal: 360 Vertical: 30
Termination	N Female connector
Lightning Protection	Lightning Arrestor sold separately

MECHANICAL DATA

Height	61"
Diameter	1.310"
Weight	< 3.5 lbs
Rated Wind Velocity	125 mph (210 kph)
Rated Wind Velocity (with 0.5" radial ice)	85 mph (137 kph)
Lateral Thrust @ 125 mph wind velocity	57 lbs (26 kg)
Wind Resistance	0.5549 sq. ft.
Rated Temperature	-55°F to 185°F
Mounting Information	ROSA-HDM1 Mounting Kit (Sold separately)



Elevation Pattern (Y, Z or H-plane)