

OM-900-7

900 MHz OMNI-DIRECTIONAL ANTENNA

- OM-900-7

DESCRIPTION

The new Wade Omni Antenna is ideal for Non Line of Sight base station deployments. This vertically polarized Omni Antenna includes a mounting bracket for pipe or wall mounts.

APPLICATION

- Ideal for Non Line of Sight base stations for 900 MHz wireless applications, including SCADA, WLAN, and Wireless Internet Service Providers (WISP's)
- Multiple point networks

SPECIFICATIONS

ELECTRICAL

MODEL	OM-900-7	
FREQUENCY RANGE	902 - 928 MHz	
GAIN (dBi)	7	
IMPEDANCE (Ohms)	50	
POLARIZATION	VERTICAL	
CROSS POL REJECTION	20dB	
F/B RATIO	N/A	
VSWR	Min	1.25:1
	Max	1.55:1
	Typical	1.4:1
HPBW:	Horz.	360
	Vert.	18
STD. CONNECTOR	N Female	
MAX. INPUT POWER (watts)	10W	
OPERATING TEMPERATURE	-40C to +70C	

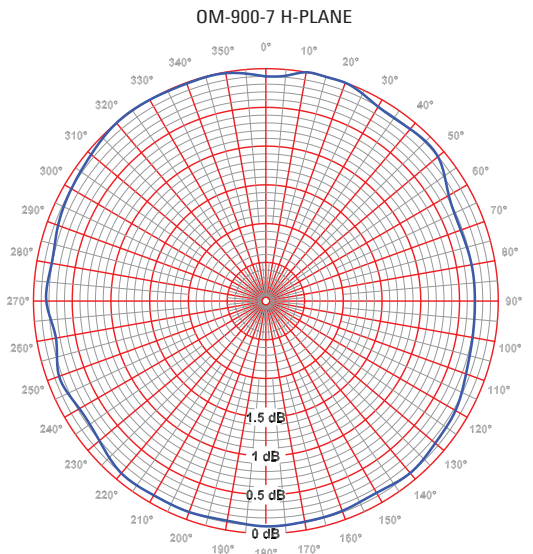
MECHANICAL

MODEL	OM-900-7
OVERALL LENGTH [IN.]	45 (114.3 cm)
ANTENNA WEIGHT	2 lbs (0.91 kg)
MOUNTING OPTIONS	2" O.D. OR WALL
MAST SIZE(O.D.)	MOUNT

WIND LOADING

MODEL	OM-900-7
Wind Area (No Ice (sq ft)	0.416
1/2" Radial Ice (sq ft)	0.5203
Wind Load *No Ice (sft-lbs)	18.64
**1/2" Radial Ice(ft-lbs)	7.51

ANTENNA PATTERN



NOTES:

* Wind Speed = 100 MPH at sea level with 100% Humidity at 70° Fahrenheit.

** Wind Speed = 50 MPH at sea level with 100% Humidity at 0° Fahrenheit.

WADE Antenna's ongoing policy of continuing development may result in specification changes to its products.

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