

3 dB Gain Omnidirectional Antenna

902-928 MHz

MODEL V-9183



2 year warranty
Made in the USA

Advantages

- This is a rugged 3dB gain omni optimized for wide bandwidth, all-weather performance. The broad vertical beamwidth provides wide area coverage and no field tuning is required to obtain maximum performance.
- Astron's all-brass center fed dipole delivers a clean radiation pattern without ground radials.

Features

- Encased in a heavy wall fiberglass radome for superior weather resistance.
- Flexible feedline with N Female termination simplifies the final installation.
- Stainless steel V-Bolts and custom V-Blocks for easy and secure mounting.
- Individually factory tested.

ELECTRICAL SPECIFICATIONS

Frequency Range, MHz	902-928
Gain, dBd	3 dB
VSWR (50 Ohms)	1.5:1 typical
1.5:1 bandwidth, MHz	26 minimum
3 dB Beamwidth E/H Planes, degrees	33/360
Maximum Power, watts	50*
Termination, feet (m), coax	N Female, 1 (.3), RG58 type
Polarization	Vertical
*Limited by feedline. Higher power ratings are available as an option.	

MECHANICAL SPECIFICATIONS	
Overall Length, inches (cm)	30 (76)
Radome Material	1.0" OD; .125" wall Fiberglass
Element Materia	All-brass components
Mast Diameter, inches, (cm)	1.25-2.0 (3.2-5.1)
Mounting Hardware	Base to mast, supplied
Wind Surface Area, feet ² (m ²)	.14 (.013)
Wind Survival, mph (kph)	150 (240)
Weight, pounds (kg)	2.0 (.9)

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ASTRON specializes in designing and manufacturing custom antennas. If this particular antenna does not meet with your requirements, Astron can provide you with other antenna solutions optimized to your specific application. This antenna is available in various frequencies.

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