

SM500-SF8SNF(CWH) Mobile omni, 0 dBd, low profile, white, 746-869 MHz

- Low profile, white ABS radome
- Ideal for either mobile or in-building applications
- Additional ground plane required for installation

SM500 series radome-enclosed antenna is designed for a variety of mobile applications: railroad locomotives, taxis, police cars, emergency vehicles, buses and trucks. N female termination.

Minimum ground plane diameter 16".

Application Notes

- For indoor applications an additional ground plate with a minimum diameter of 8 inches must be utilized.



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Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
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Electrical Specifications

Frequency Range	MHz	746 to 869
Connector		N-Female
Gain (nominal)	dBd (dBi)	unity (2.1)
Input VSWR (max)		1.5:1
Polarization		vertical
Impedance	Ω	50
Pattern		Omni-directional
Average Power Input (max)	W	50

Mechanical Specifications

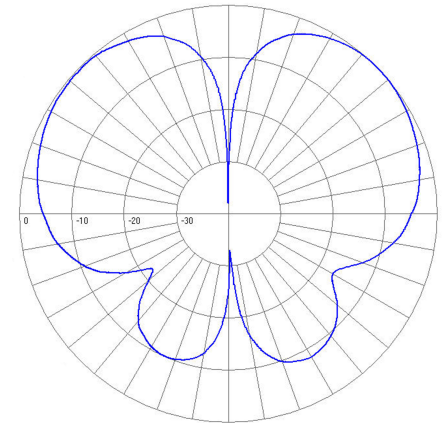
Width	in (mm)	4.5 (114)
Length/ Height	in (mm)	3.8 (97)
Radome material		ABS (white)
Actual shipping weight	lbs (kg)	3 (1.36)
Shipping dimensions	in (mm)	11x8x5 (279x203x127)
Ground Plane (min)	in (mm)	16x16

Environmental Specifications

Temperature range	°F (°C)	-22 to +140 (-30 to +60)
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Ordering Information

Specify frequency of operation



Elevation

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