

ST121R-SFXSUF(FXXXX-TCWH) Mobile omni, 0 dBd, low profile, 25-50 MHz

- Low profile rugged design ideal for low band mobile applications
- 0.2% bandwidth
- Radome-enclosed with top tuning option
- Heavy-duty radome available upon request

Rugged low profile antenna is designed for a variety of mobile applications: railroad locomotives, taxis, police cars, emergency vehicles, buses and trucks.

Frequency must be specified at time of order.



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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	25 to 50
Connector		UHF-Female
Gain (nominal)	dBd (dBi)	unity (2.1)
Input VSWR (max)		1.5:1
Pattern		Omni-directional
Average Input Power (max)	W	300
Lightning protection		DC ground

### Notes

\*1 : For 50 MHz, 36x54"

### Mechanical Specifications

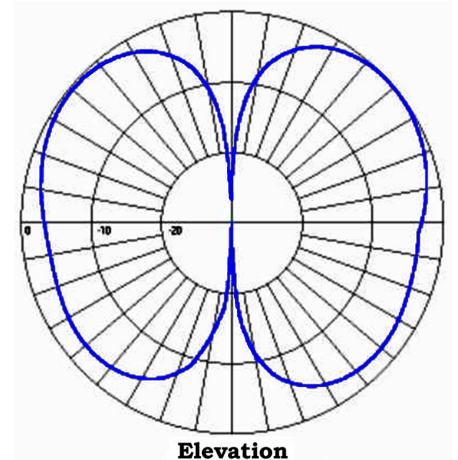
Width	in (mm)	5.9 (150)
Length/ Height	in (mm)	6.8 (173)
Length	in (mm)	50.1 (1273)
Radome material		ABS (white)
Actual shipping weight	lbs (kg)	10 (4.54)
Shipping dimensions	in (mm)	60x6x7 (1524x152x178)
Ground Plane (min)	in (mm)	48x72 *1

### Ordering Information

Frequency must be specified at time of order.

### Environmental Specifications

Horizontal Thrust (at 100 mph)	lbs (N)	(306.9)
Temperature range	°F (°C)	-40 to +140 (-40 to +60)
Wind Loading Area (Flat Plate Equivalent)	ft² (m²)	1.79 (0.17)
Rated wind velocity (no ice, lateral)	mph (km/h)	185 (298)



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