

SY406R-HF1SNM Yagi directional, 10 dBd, radome, HD, 806-870 MHz

Also referred as: SRL406RCHD*1

- Radome-enclosed
- 10 dBd gain with low VSWR
- 360 degree welded for durability and reliability

The SY406R is a radome-enclosed version of the SY406. The SY406 has been developed to meet the needs for a high gain, broadband, top quality directional antenna in the 749-985 MHz frequency range. The SY406 provides 10 dBd gain with a low VSWR. Designed for high performance, versatility and ease of installation, the SY406 will fill a wide variety of requirements. All elements are at DC ground potential for lightning protection.



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Region	United States	Europe, Middle East and Africa	Caribbean and Latin America	Canada and rest of the world
Telephone	USA: 1 800 263 3275	International: +44 (0) 1487 84 28 19	International: +1 905 726 7676	Canada: 1 800 263 3275 International: +1 905 727 0165
E-mail	salesusa@sincltech.com	salesuk@sincltech.com	salesla@sincltech.com	salescan@sincltech.com

Electrical Specifications

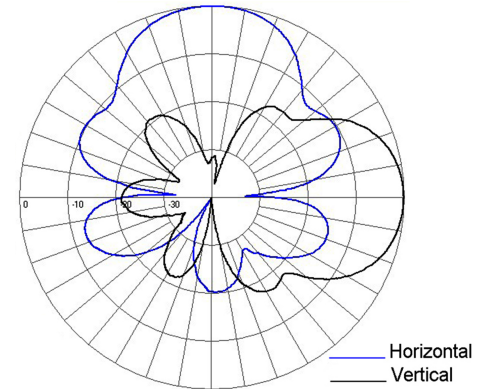
Frequency Range	MHz	806 to 870
Bandwidth	MHz	64
Connector		N-Male
Gain (nominal)	dBd (dBi)	10 (12.1)
Input VSWR (max)		1.5:1
Polarization		vertical or horizontal
Pattern		Directional
Horizontal beamwidth (typ)	degrees	46
Vertical beamwidth (typ)	degrees	41
Average Power Input (max)	W	125
Lightning protection		DC ground
Front-to-back ratio (typ)	dB	20

Mechanical Specifications

Width	in (mm)	11.5 (292)
Length/ Height	in (mm)	31 (787)
Weight	lbs (kg)	18 (8.17)
Mounting Hardware (Included)		Clamp002B
Actual shipping weight	lbs (kg)	20 (9.08)
Shipping dimensions	in (mm)	12x16x37 (305x406x940)

Environmental Specifications

Temperature range	°F (°C)	-40 to +140 (-40 to +60)
Wind Loading Area (1/2" ice)	ft² (m²)	1.4 (0.13)
Rated wind velocity (no ice)	mph (km/h)	150 (242)
Rated wind velocity (1/2" radial ice)	mph (km/h)	110 (177)



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