

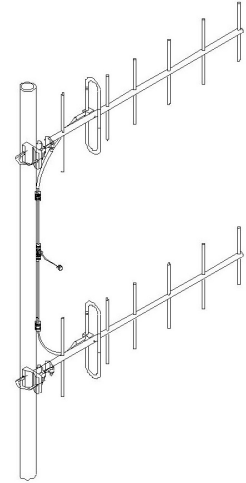
SY4062-SF5SNM(ABK) Yagi directional, 13 dBd, dual, 876-925 MHz GSM (R)

- Dual array
- 13 dBd gain with low VSWR
- Designed for high performance, versatility and ease of installation

The SY4062 yagi array antenna was developed to meet the need for a high gain, broadband, top quality directional antenna in the 806-966 MHz frequency range. The SY4062 provides 13 dBd gain with a low VSWR.

Designed for high performance, versatility and ease of installation, the SY4062 will fill a wide variety of requirements.

All elements are at DC ground potential for lightning protection.



Polarization	Stacking	H Plane	E Plane
Vertical	Vertical	46	21
Vertical	Horizontal	23	41
Horizontal	Vertical	41	23
Horizontal	Horizontal	21	46

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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@sinctech.com	salesuk@sinctech.com	salesla@sinctech.com	salescan@sinctech.com

Electrical Specifications

Frequency Range	MHz	876 to 925
Bandwidth	MHz	49
Connector		N-Male
Gain (nominal)	dBd (dBi)	13 (15.1)
Polarization		vertical or horizontal
Pattern		Directional
Average Power Input (max)	W	125
Lightning protection		DC ground
Front-to-back ratio (typ)	dB	20

Mechanical Specifications

Width	in (mm)	24 (610)
Depth	in (mm)	7.1 (180)
Length/ Height	in (mm)	24 (610)
Radiating element material		aluminum
Weight	lbs (kg)	2.78 (1.26)
Weight iced (1/2" ice)	lbs (kg)	13.1 (5.95)
Mounting Hardware (Included)		Clamp115
Actual shipping weight	lbs (kg)	7 (3.18)
Shipping dimensions	in (mm)	43x9x4 (1092x229x102) *1

Environmental Specifications

Temperature range	°F (°C)	-40 to +140 (-40 to +60)
Wind Loading Area (Flat Plate Equivalent)	ft ² (m ²)	0.53 (0.05) *2
Wind Loading Area (1/2" ice)	ft ² (m ²)	1.48 (0.14) *3
Rated wind velocity (no ice)	mph (km/h)	150 (242)
Rated wind velocity (1/2" radial ice)	mph (km/h)	85 (137)
Lateral thrust (100 mph No Ice)	lbs (N)	13.8 (61.4)
Bending moment (100 mph No Ice)	ft-lbs (Nm)	5.26 (7.1)

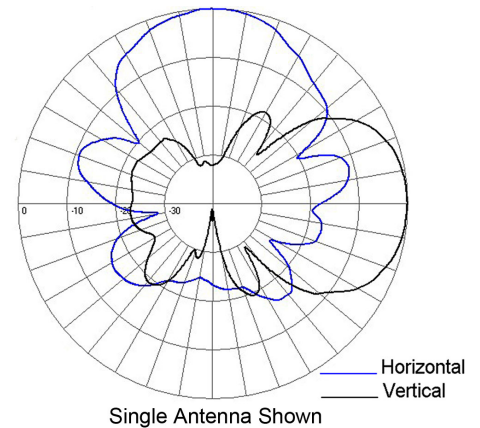
Notes

- *1 : 2 packages
- *2 : For yagi in the 895-966 MHz band
- *3 : For yagi in the 895-966 MHz band

Ordering Information

The SY4062 is available in 5 sub-bands to cover the 806-966 MHz band:

F1- 806-870 MHz	F4- 895-866 MHz
F2- 824-896 MHz	F5- 876-925 MHz
F3- 846-913 MHz	



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