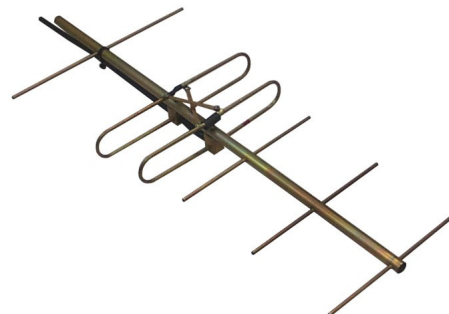


SY350

Yagi directional antenna, 7 dBd gain, broad band, 406-512 MHz

- Developed to maintain its performance characteristic under severe icing or hoarfrost conditions
- Ideal for use in coastal or mountainous areas
- Can be stacked for added gain

The SY350 is a broadband medium gain yagi antenna specially developed to maintain its performance characteristic under severe icing or hoarfrost conditions typically encountered in coastal or mountain areas. Two or more antennas may be stacked for added gain.



Model

[SY350-SFXSNM](#)

Description

7 dBd gain, N (male) connector, 406-512 MHz

Pattern

Directional



Australian Representatives

ROJONE, PTY LTD.

Tel: 02 9829 1555

E: sales@rojone.com.au

www.rojone.com.au

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) 1223 42 03 03	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
Product Specification Sheet		SY350		Dated: 05-02-10

SY350-SFXSNM

Electrical Specifications

Frequency Range, MHz	406 to 512
Gain (nominal), dBd (dBi)	7 (9.1)
Input VSWR (max)	2:1
Polarization	vertical or horizontal
Pattern	Directional
Horizontal beamwidth, degrees	80
Vertical beamwidth, degrees	60
Bandwidth, MHz	70
Front-to-back ratio (typ), dB	20

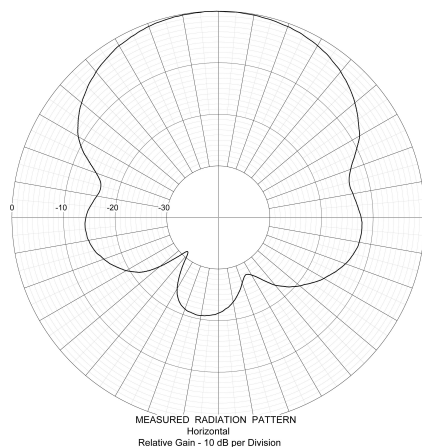
Mechanical Specifications

Connector	N (male)
Length/ Height, in (mm)	28 (711)
Weight, lbs (kg)	5 (2.3)
Actual Shipping weight, lbs (kg)	5 (2.3)
Shipping dimensions, in (mm)	47x6x18 (1194x152x457)

Environmental Specifications

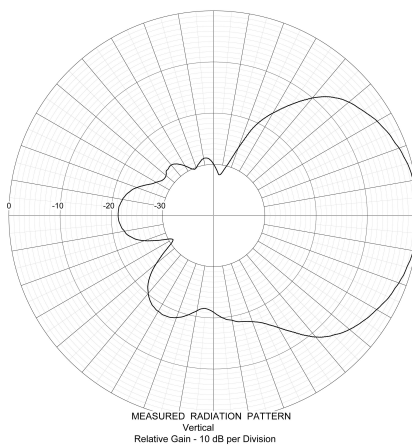
Temperature range, °F (°C)	-40 to +158 (-40 to +70)
Wind Loading Area (Flat Plate Equivalent), ft² (m²)	0.22 (0.02)

SINCLAIR TECHNOLOGIES



SY350-SFXSNM

SINCLAIR TECHNOLOGIES



SY350-SFXSNM

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E-mail	salesusa@sinctech.com	salesuk@sinctech.com	salesla@sinctech.com	salescan@sinctech.com
Product Specification Sheet		SY350		Dated: 05-02-10