



### NA6-3G-03NJ

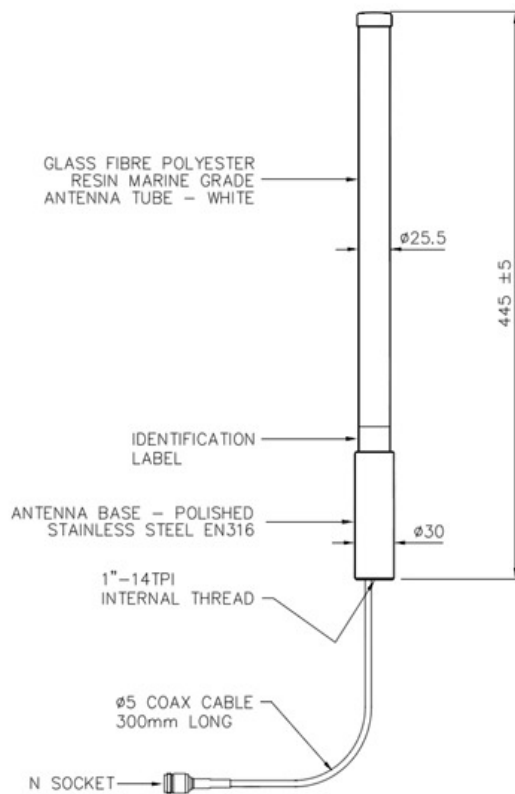
Marine grade housing  
2G/3G coverage

Panorama's marine 2G/3G antenna has been designed to meet the increasing demand for reliable connectivity for marine environments.

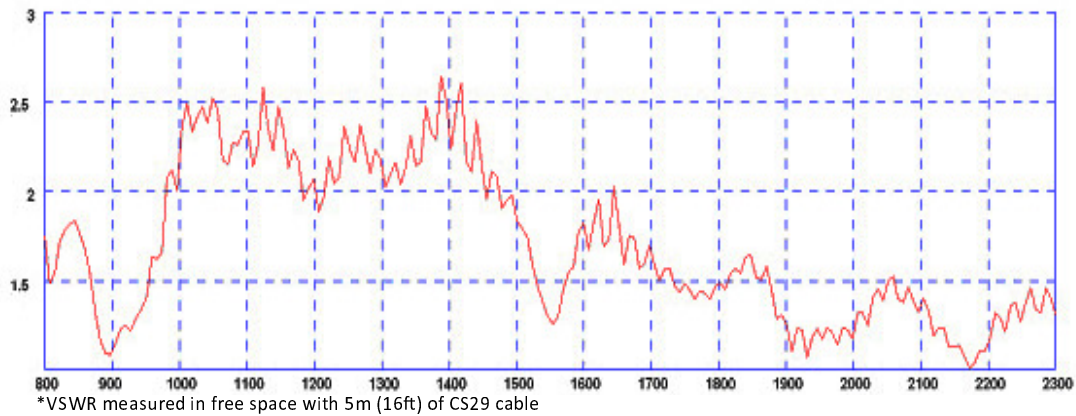
This antenna offers 6dBi peak gain at the 2.1GHz 3G / UMTS frequency band in order to ensure a reliable high speed data connection whenever possible. The antenna features 800 / 900 / 1800MHz fall back to ensure that even when there is no 3G coverage there is always a cellular or GPRS data link available.

This antenna will fit Panorama's standard 1"x14TPI marine mounting system - stainless steel ratchet mount part number NDRS-SL. Panorama can also supply custom extension coaxial cable sets to meet the customer's specific installation requirements

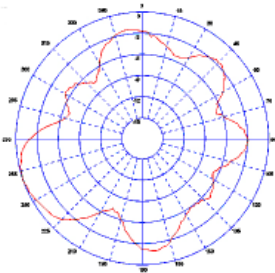
### Technical Drawing



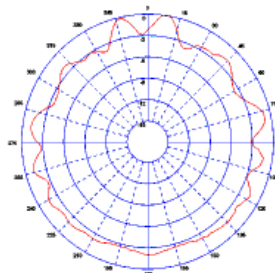
Typical VSWR\*



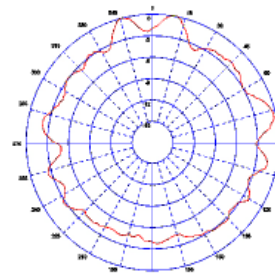
Typical H-Plane (900MHz)



Typical H-Plane (1800MHz)



Typical H-Plane (2000MHz)



Part No. NA6-3G-03NJ

Electrical Data

Frequency Range (MHz)	824-960, 1710-1880, 1900-2170	
Operational Band	GSM800, GSM900, GSM1800, PCS1900, 3G UMTS	
Peak Gain (Isotropic)*	8/900MHz	2dBi
	1800MHz	5dBi
	1900 & 2100MHz	6dBi
Impedance	50Ω	
Max Input Power (W)	20	

Mechanical Data

Dimensions (mm)	Length	445 (17.5")
	Width	25 (0.98")
Material	Fibre glass and Stainless Steel	
Operating Temp (°C)	-40° / +80°C (-40° / +176°F )	
Colour	White	

Mounting Data

Type	Optional stainless steel ratchet mount available (NDRS-SL)
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Cable Data

Type	CS29
Diameter (mm)	5 (0.2")
Length (m)	0.3 (12")
Termination	N Jack

\*Not including cable loss

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