

NA-BC3G-03NJ

LTE Omni-directional Antenna

03/02/2017 v.2



Robust LTE Omni Antenna

Wideband LTE/cellular element

Marine grade construction

Suitable for marine or land based fixed site applications

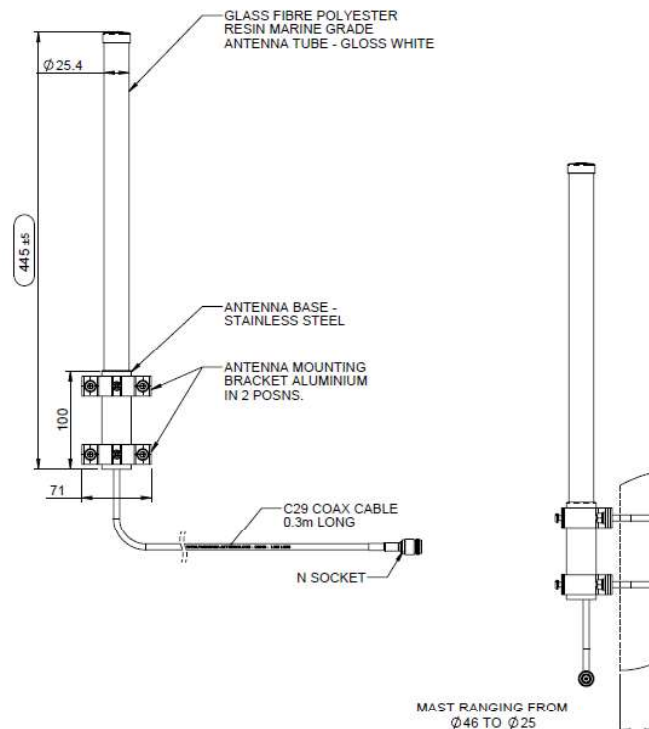
The Panorama NA-BC3G-26 is a marine grade antenna designed to provide 2G/3G/4G LTE / cellular connectivity in challenging environments including marine, coastal and land based applications. The antenna covers major global cellular / LTE bands from 698-960/1710-2700MHz making it suitable for a large number of applications.

Constructed from robust GRP and stainless steel the antenna is designed to withstand the challenges inherent in marine applications and other hostile environments. The antenna is supplied with two pole mount brackets as standard and other mounting options are supported by the 1" 14TPI threaded ferrule.

A stainless steel deck ratchet mount (NDRS-SL) is available as an accessory.

The antenna is supplied with 0.3m (1') of CS29 cable fitted with an N female connector for ease of installation.

Technical Drawing



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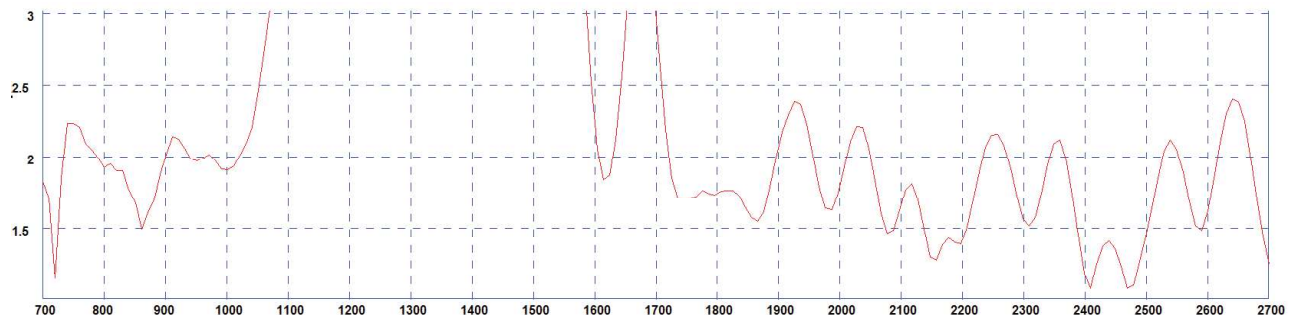
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Waiver: The data given above is indicative of the performance of the product/s under particular conditions and does not imply a guarantee of performance. These specifications are subject to change without notice.

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Part No.		NA-BC3G-26-03NJ
Electrical Data		
Frequency Range (MHz)	698-960 / 1700-2700	
Operational Bands	LTE / Cellular	
Peak Gain: Isotropic	2dBi	
Polarisation	Vertical	
Impedance	50Ω	
Max Input Power (W)	25	
Mechanical Data		
Dimensions	Height (mm)	445 (17.5")
	Diameter (mm)	25.4 (1")
Operating Temp	-40° / +80°C (-40° / +176°F)	
Colour	White	
Approx. Weight (g)	476	
Mounting Data		
Mounting type	Pole / Mast Mount	
Cable Data		
Cell / LTE Cable	Type	CS29 (double shielded RG58)
	Diameter (mm)	5 (0.2")
	Length (m)	0.3 (1')
	Termination	N Jack

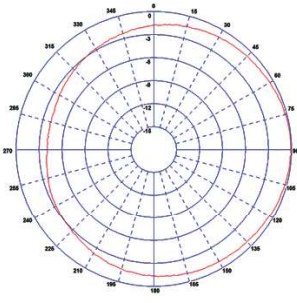
Typical VSWR*



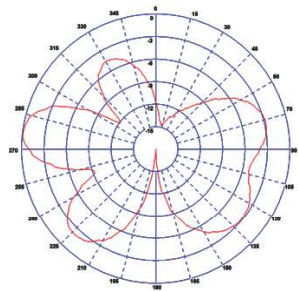
* VSWR measured with 0.3m (1') of CS29 cable.

Electrical Data

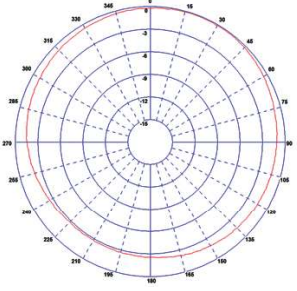
Typical H Plane Pattern - 700MHz



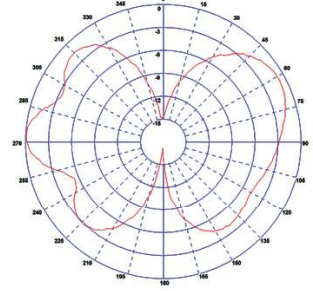
Typical E Plane Pattern - 700MHz



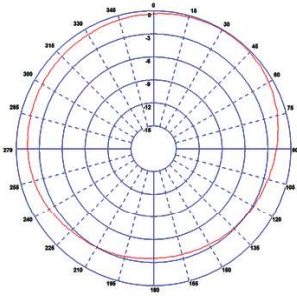
Typical H Plane Pattern - 800MHz



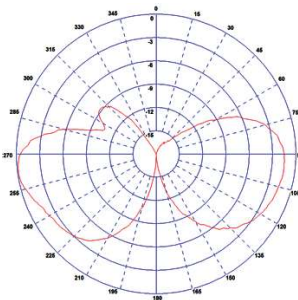
Typical E Plane Pattern - 800MHz



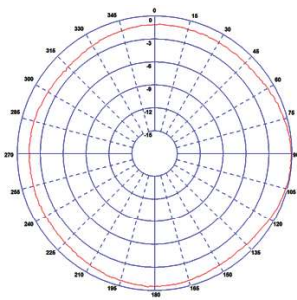
Typical H Plane Pattern - 900MHz



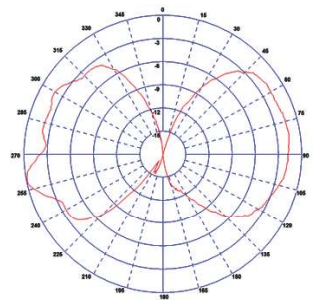
Typical E Plane Pattern - 900MHz



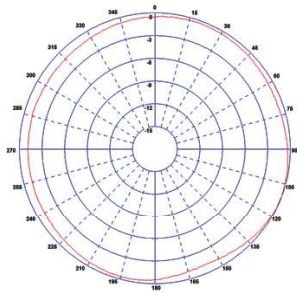
Typical H Plane Pattern - 1710MHz



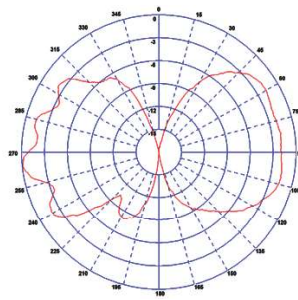
Typical E Plane Pattern -1710MHz



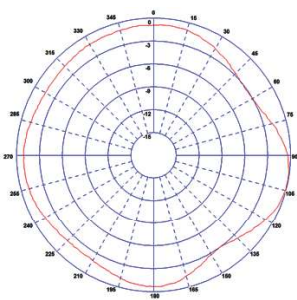
Typical H Plane Pattern -1800MHz



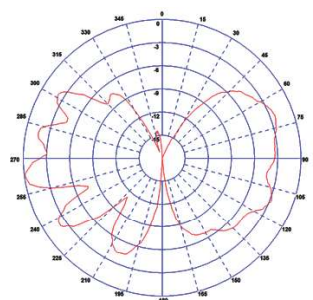
Typical E Plane Pattern -1800MHz



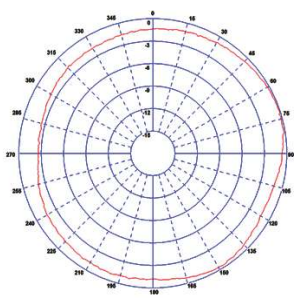
Typical H Plane Pattern - 1900MHz



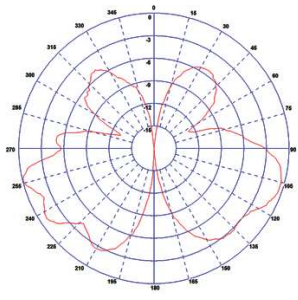
Typical E Plane Pattern - 1900MHz



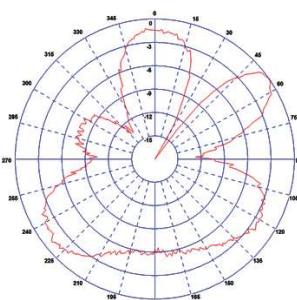
Typical H Plane Pattern -2100MHz



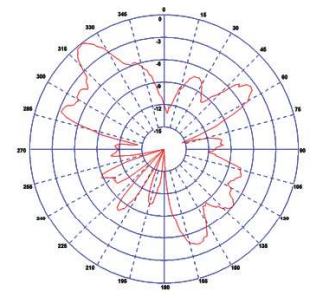
Typical E Plane Pattern -2100MHz



Typical H Plane Pattern - 2600MHz



Typical E Plane Pattern - 2600MHz



N.B. All patterns measured in freespace with 0.5m (1.5') of CS29 cable.