








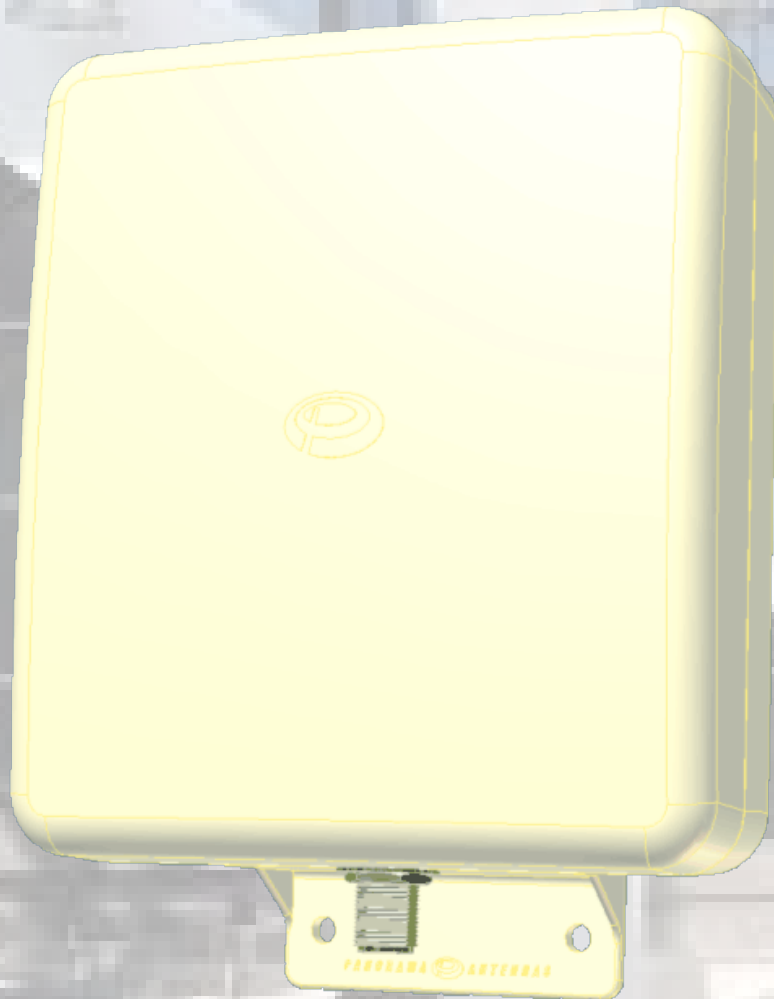


Product Data Sheet

Multiband Directional Antenna

Multiband Directional Antenna

-  Pentaband
-  3G UMTS / AWS
-  Cellular / GPRS
-  LTE
-  In Building
-  Directional
-  RoHS Compliant



In Building

Multiband Directional Antenna



WM8-BAEP3G-NJ

High gain

Mast mount or wall mount

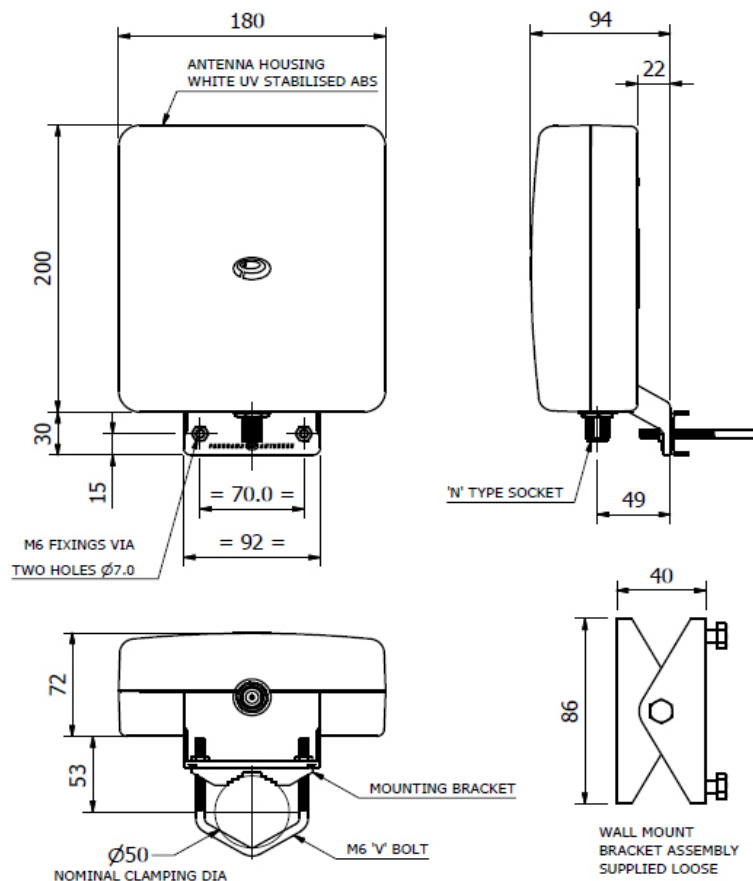
Waterproof housing

Integrate wireless services into one antenna

A versatile high gain directional antenna for in building applications, Panorama's WM8 range allows businesses and facilities to support multi-service / multi-operator wireless coverage. The WM8-BAEP3G-NJ supports 2G, 3G, 3G+ and 4G technologies including LTE, AMPS, PCS, GSM, UMTS & AWS.

The WM8 range is housed in impact resistant, UV light stabilised and flame retardant plastic. The antenna is sealed to be completely weather proof and features a heavy duty N female connector making the product ideal for indoor and outdoor deployment, for inbuilding coverage or network infill applications.

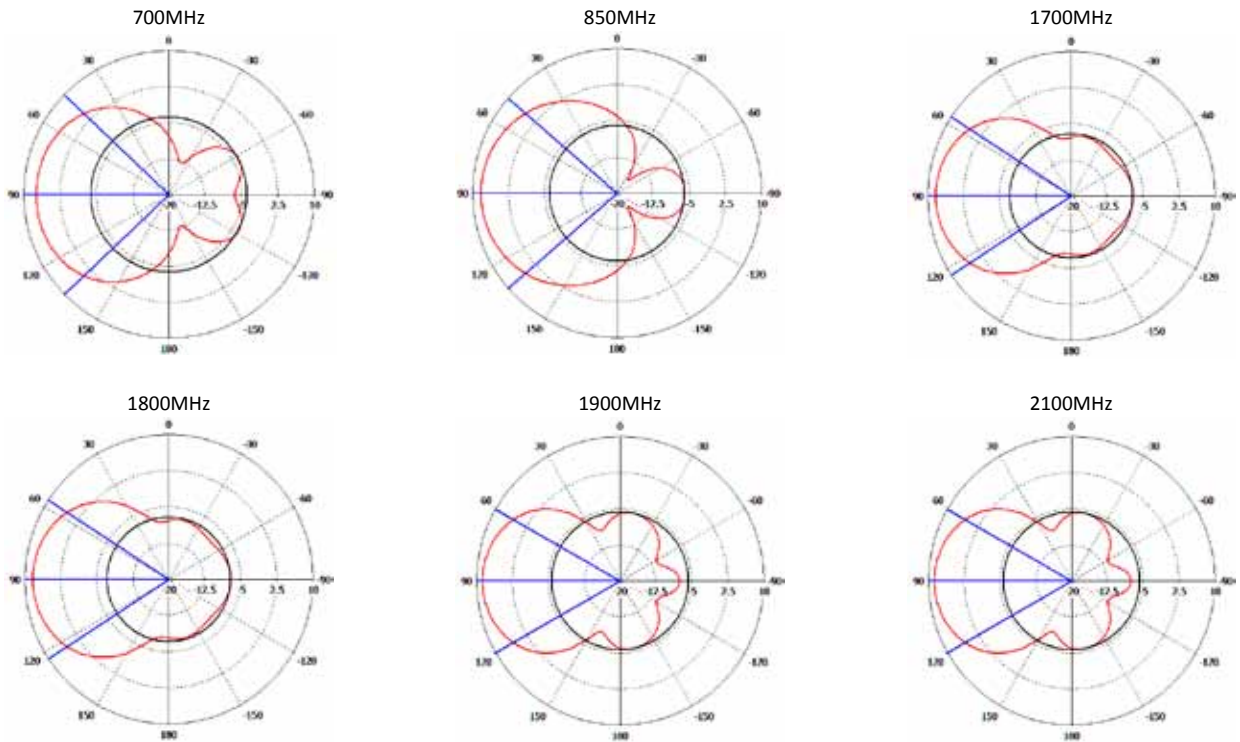
Technical Drawing



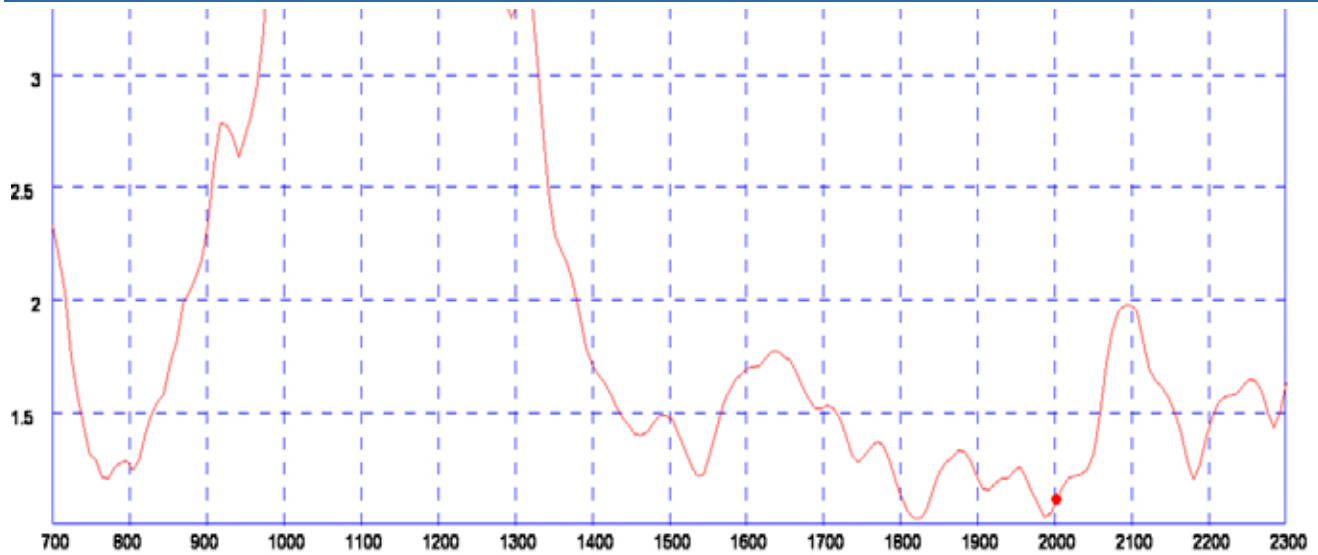
In Building Antennas

Multiband Directional Antenna

Polar radiation plots



Typical VSWR



*Measurements taken looking directly into N connector on antenna housing.

In Building

Multiband Directional Antenna

Part No.		WM8-BAEP3G-NJ
Electrical Data		
Frequency Range (MHz)	698-896, 805-894, 890-960, 1710-1880, 1850-1990 & 1900-2170	
Operational Band	LTE700, AMPS 850, CDMA 800, GSM1800, PCS1900, 3G UMTS, AWS	
Peak Gain: Isotropic	LTE 700MHz	8dBi
	AMPS800 & GSM900	8dBi
	GSM1800 & PCS1900	8dBi
	3G UMTS / AWS	8dBi
VSWR	≤ 2.5:1 @ 700MHz band / ≤ 2.7:1 @ 900MHz band / ≤ 2.0:1 All other bands	
Polarisation	Vertical	
Pattern	Directional	
Impedance	50Ω	
Max Input Power (W)	20	
Mechanical Data		
Dimensions (mm)	Height	230mm / 9.05 inches
	Width	180mm / 7.08 inches
	Length	85mm / 3.34 inches
Operating Temp (°C)	-40° / +80°C	
Material	Flame Retardant UV Light Stabilised ABS	
Colour	White	
Connector Data		
Type	N Female	
Mounting Data		
Fixing	Pole Mount / Wall Mount	
Pole Diameter	20-50 mm / 0.78 - 1.96 inches	

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