

Low PIM Directional Antenna

WM8-BADEP3G-26-NJ

PANORAMA ANTENNAS



- High gain
- Mast mount or wall mount
- Low PIM & SAR tested to EN50385:2002
- Integrate wireless services into one antenna

A versatile high gain directional antenna ideal for indoor and outdoor deployment, Panorama's WM8 range allows businesses and facilities to support multi-service/ multi-operator wireless coverage. The WM8-BADEP3G-26-NJ supports 2G, 3G, 3G+ and 4G technologies including LTE, AMPS, PCS, GSM, UMTS & AWS with lower gain coverage of WIFI 2.4GHz and LTE 2.6GHz.

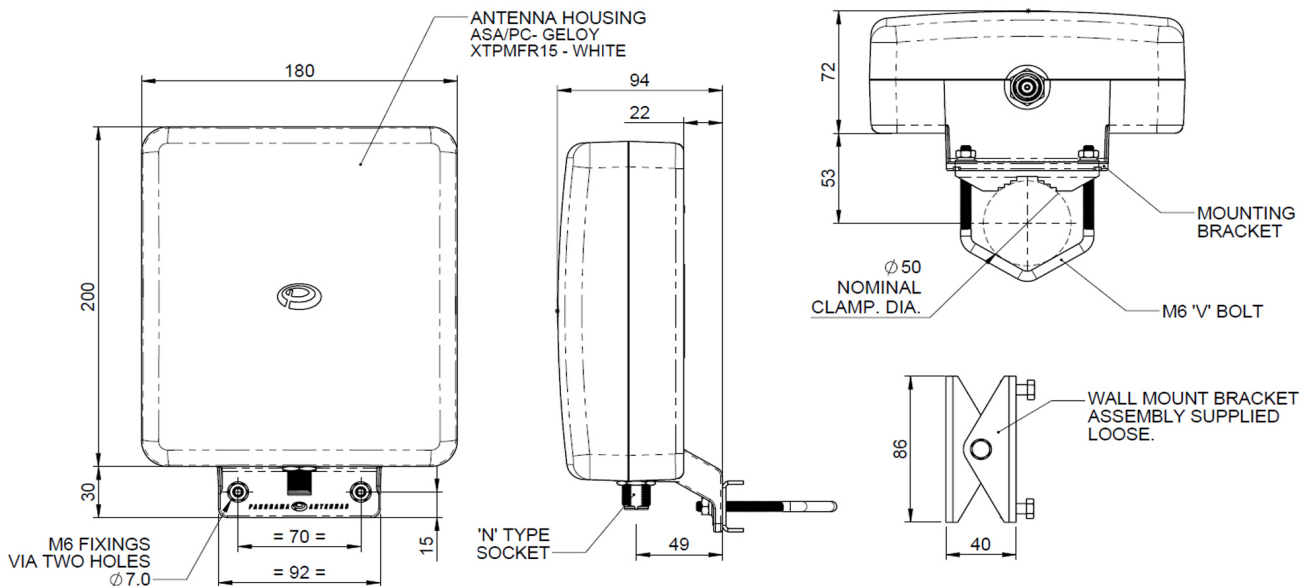
The WM8 range is housed in impact resistant, UV light stabilised plastic. The features a heavy duty N female connector making the product ideal for indoor and outdoor deployment, for inbuilding coverage or network infill applications.



This product features Panorama Antennas' PIM Guard Technology and will meet or exceed a third order intermodulation level of < -140dBc.

Technical Drawing

WM8-BADEP3G-26-NJ Shown



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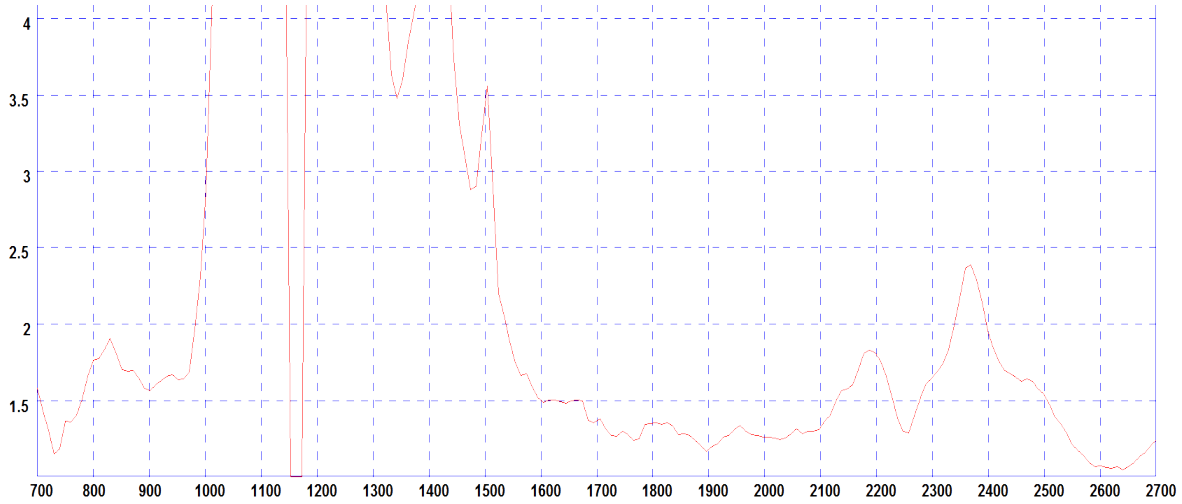
WM8-BADEP3G-26-NJ

Product Data

Part No.		WM8-BADEP3G-26-NJ
Electrical Data		
Frequency Range (MHz)	698-960, 1710-2700	
Operational Band	LTE700, AMPS 850, CDMA 800, GSM1800, PCS1900, 3G UMTS, AWS, WIFI (2.4GHz), LTE 2.6	
Peak Gain: Isotropic	LTE 700MHz, AMPS800 & GSM900	6.5dBi
	GSM1800, PCS1900, 3G UMTS / AWS 2100	9dBi
	WIFI 2400, LTE 2600	6dBi
VSWR	<2.5:1	
Polarisation	Vertical	
Pattern	Directional	
Typical Passive intermod. (2x20W, 3rd ord.)	-140	
SAR and 'Touch Safe' Test Data	According to 50385:2002 (Bands: 850, 900, 1800, 2100, 2600MHz)	
Impedance	50Ω	
Max Input Power (W)	50	
Mechanical Data		
Dimensions (mm)	Height	230mm (9.05")
	Width	180mm (7.08")
	Length	94mm (3.7")
Operating Temp (°C)	-30° / +70°C (-22° / 158°F)	
Material	PC/ASA	
Colour	White	
Ingress Protection	IP66K	
Connector Data		
Type	N Socket	
Mounting Data		
Fixing	Pole Mount / Wall Mount	
Pole Diameter	20-50 mm (0.8 - 1.96")	

*Range PIM performance verified under controlled conditions by Anritsu PIM Master test equipment.

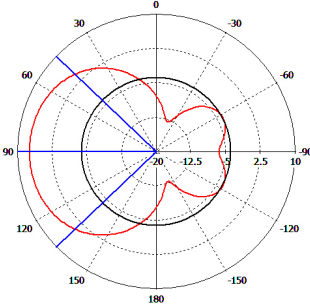
Product Data



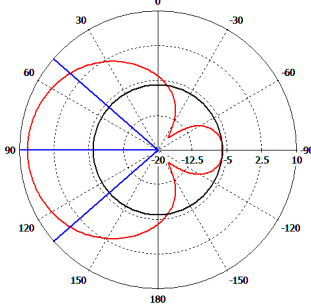
*Measurements taken looking directly into N connector on antenna housing.

Radiation Plots

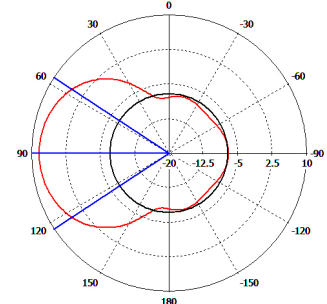
Typical H Plane 700MHz



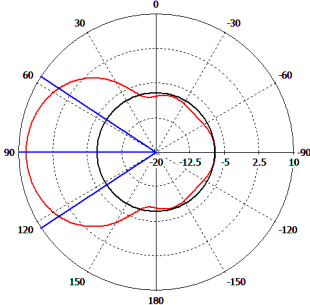
Typical H Plane 850MHz



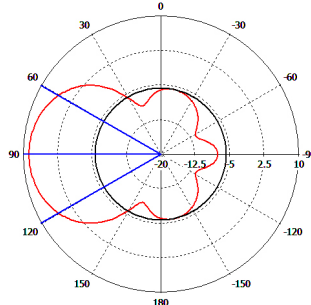
Typical H Plane 1700MHz



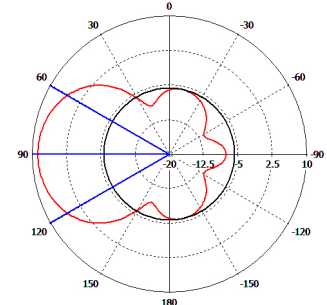
Typical H Plane 1800MHz



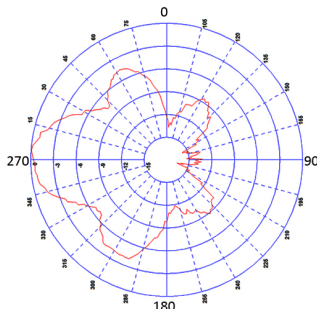
Typical H Plane 1900MHz



Typical H Plane 2100MHz



Typical H Plane 2400MHz



Typical H Plane 2600MHz

