








Product Data Sheet

WM8-BOX Multiband
Directional Antenna
and Accessories Kit

C/Note	Doc Issue	Date	Approval
01019	1	17.06.13	J.J.

Multiband Directional Antenna Kit

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



In Building

Multiband Directional Antenna Kit



WM8-BOX

High gain

Mast mount or wall mount

4G / LTE compatible

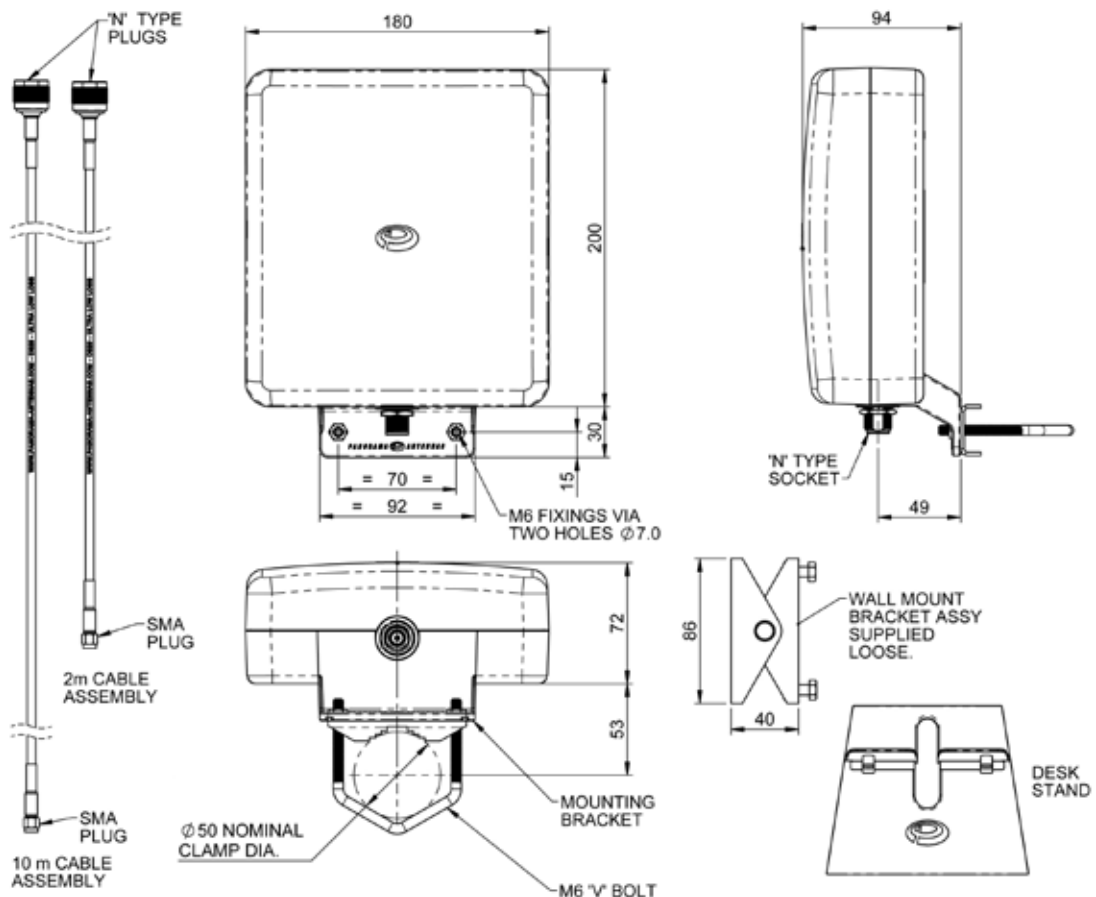


A versatile high gain directional antenna for range extending applications, Panorama's WM8 range supports the cellular/gsm networks of today and tomorrow. The WM8 antenna supports 2G, 3G, 3G+ and 4G technologies including LTE, AMPS, PCS, GSM, UMTS & AWS with lower gain coverage of WIFI 2.4GHz and LTE 2.6GHz.

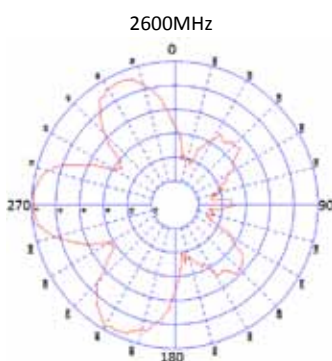
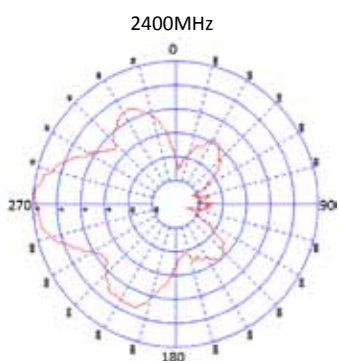
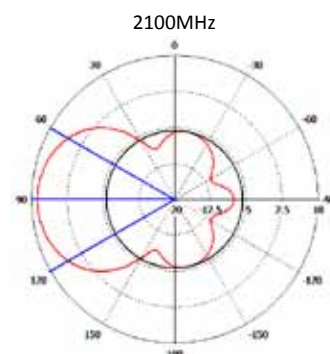
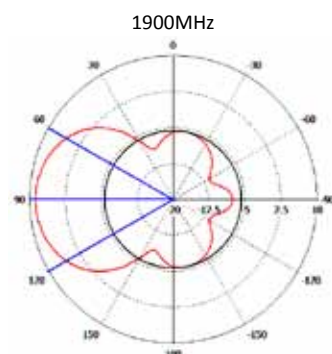
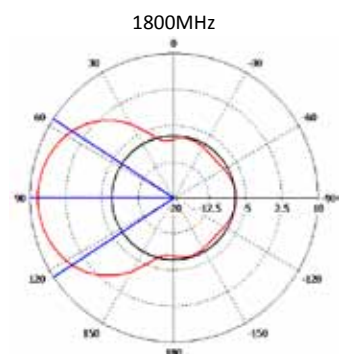
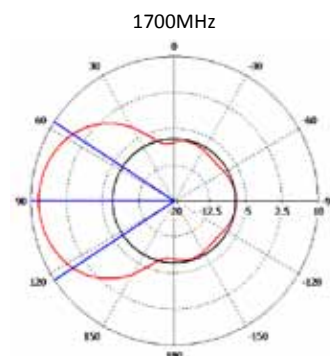
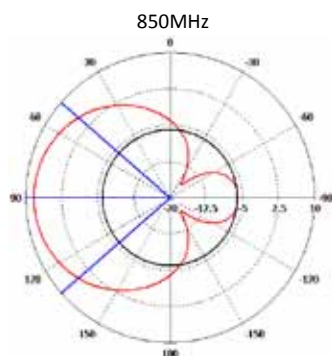
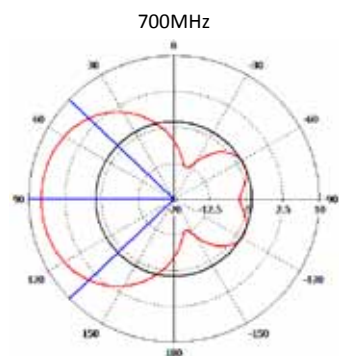
The WM8 range is housed in impact resistant, UV light stabilised and flame retardant plastic. The antenna is sealed to be completely weather proof and features a heavy duty N female connector making the product ideal for indoor and outdoor deployment, for inbuilding coverage or network infill applications.

The WM8 box is supplied with a complete accessory kit including a low cable a 10m cable and brackets for outdoor mounting and a desk stand and 2m cable for indoor use.

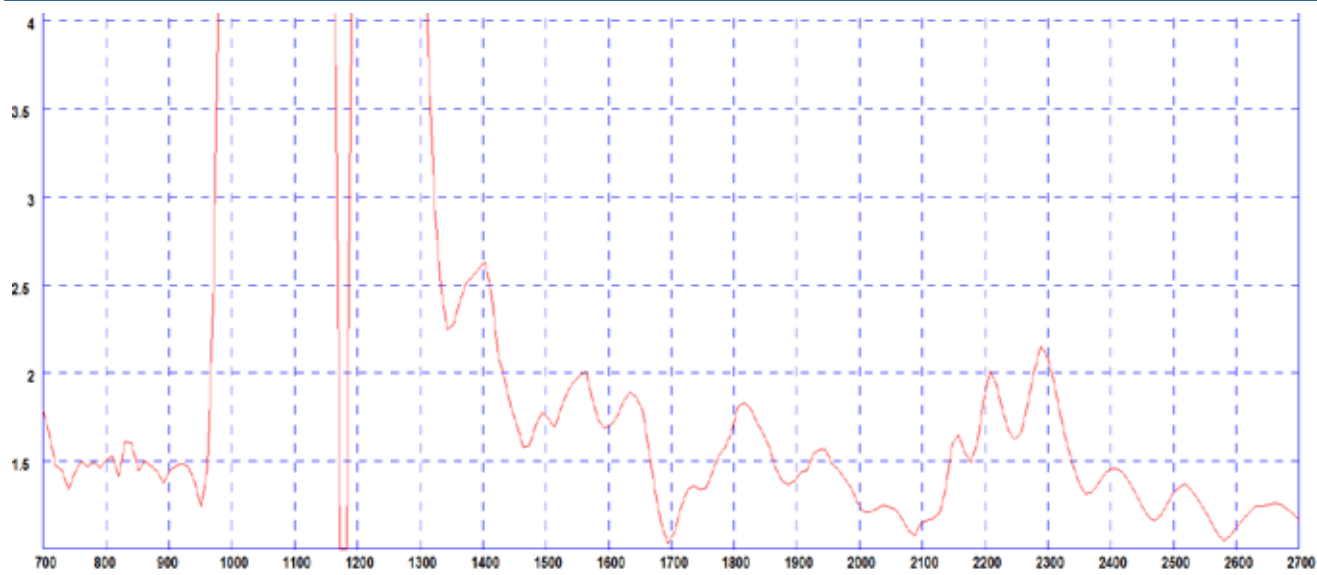
Technical Drawing



Polar radiation plots



Typical VSWR



Part No.		
WM8-BOX		
Electrical Data		
Frequency Range (MHz)		698-960, 1710-2700
Operational Band		LTE700, AMPS 850, CDMA 800, GSM1800, PCS1900, 3G UMTS, AWS, WIFI, LTE 2.6
Peak Gain: Isotropic	LTE 700MHz, AMPS800 & GSM900	7dBi
	GSM1800, PCS1900, 3G UMTS / AWS 2100	9dBi
	WIFI 2400, LTE 2600	6dBi
VSWR		<2:1
Polarisation		Vertical
Pattern		Directional
Impedance		50Ω
Max Input Power (W)		50
Mechanical Data		
Dimensions (mm)	Height	230mm / 9.05 inches
	Width	180mm / 7.08 inches
	Length	85mm / 3.34 inches
Operating Temp (°C)		-30° / +70°C (-27° /158°F)
Material		Flame Retardant UV Light Stabilised ABS
Colour		White
Connector Data		
Type		N Female
Cable Data		
Type		CS29
Length		10m / 33'
Termination 1		N Male
Termination 2		SMA Male
Type		CS29
Length		2m / 6.5'
Termination 1		N Male
Termination 2		SMA Male
Mounting Data		
Fixing		Pole Mount / Wall Mount/ Desk Mount
Pole Diameter		20-50 mm / 0.78 - 1.96 inches

Panorama Antennas Ltd

Frogmore, London, SW18 1HF, United Kingdom

T: +44 (0)20 8877 4444

F: +44 (0)20 8877 4477

E: sales@panorama-antennas.com

www.panorama-antennas.com

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.

Copyright © Panorama Antennas Ltd. All rights reserved.

