



Ceiling mount design with concealed screw fixings

Future proof UHF and cellular coverage

Flame retardant halogen-free radome

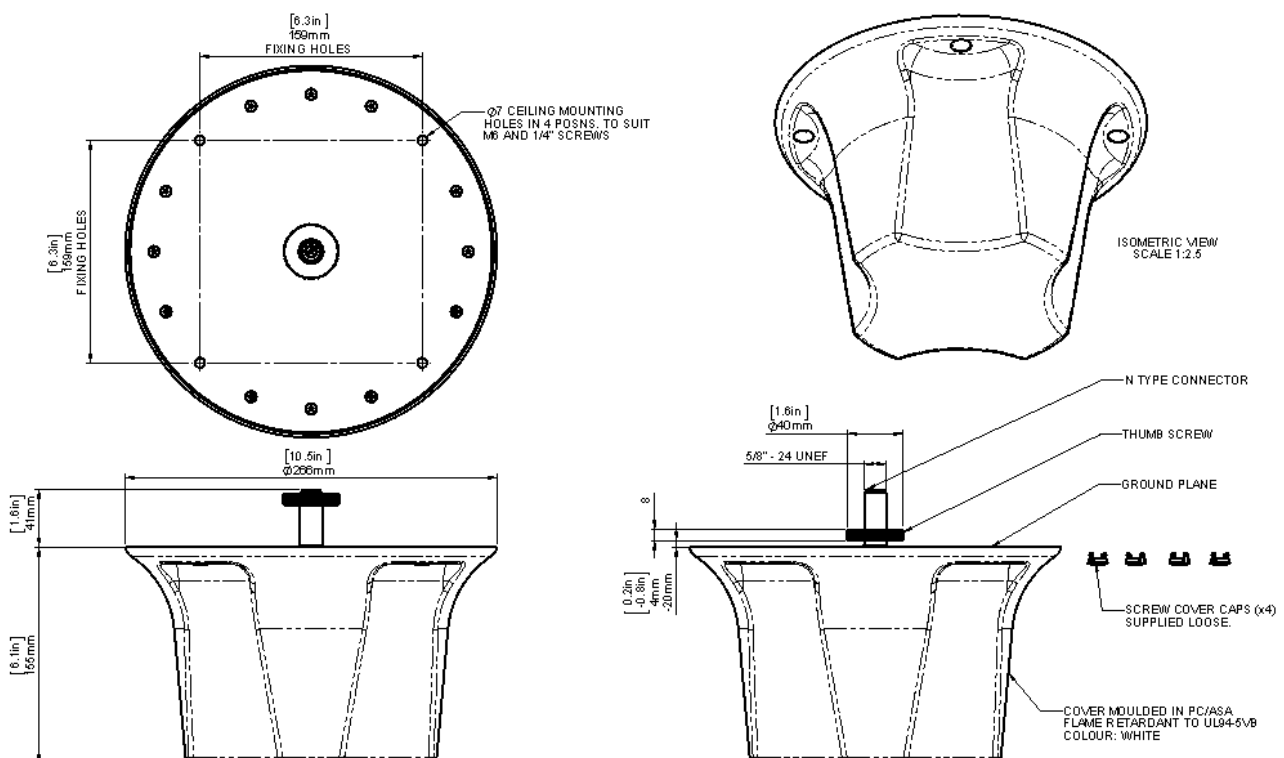
Low PIM and SAR tested to EN50385:2002

A true wideband system, Panorama's CMWB2-038-6-NJ allows businesses and facilities to support multi-service / multi-operator wireless coverage. A huge number of services are supported from 380MHz UHF to 6GHz - including TETRA UHF, GSM400, AWS 1700MHz, Quadband GSM, 3G UMTS, 2.4GHz WLAN, LTE & WiMAX etc. enabling simultaneous connectivity for employees, consumers and emergency services and providing in-building service providers and DAS installers with a convenient one size fits all solution.

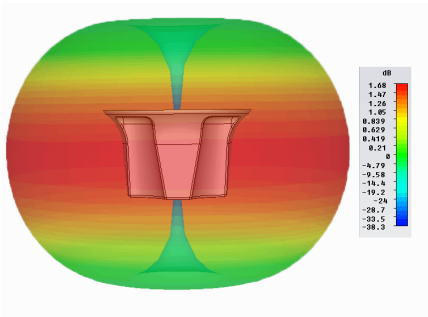


This product features Panorama Antennas' PIM Guard Technology and will meet or exceed a third order intermodulation level of < -140dBc.*

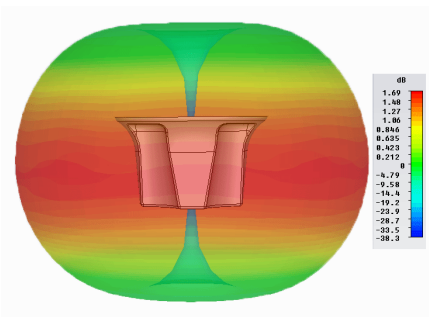
Technical Specification



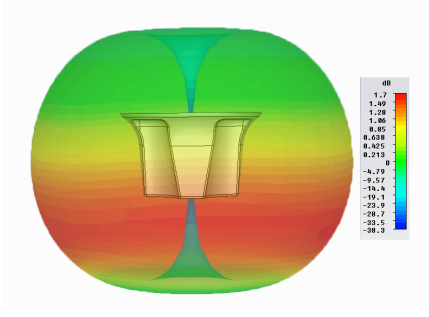
3D Gain Plot (400 MHz)



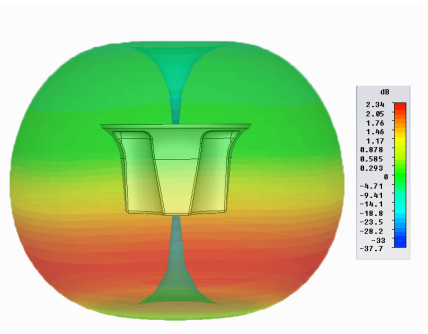
3D Gain Plot (450MHz)



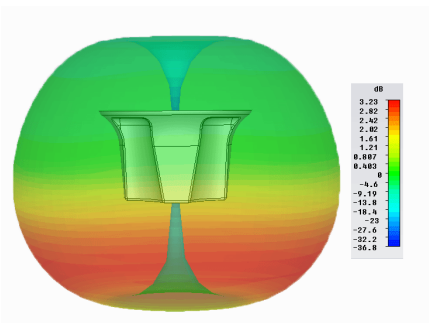
3D Gain Plot (700MHz)



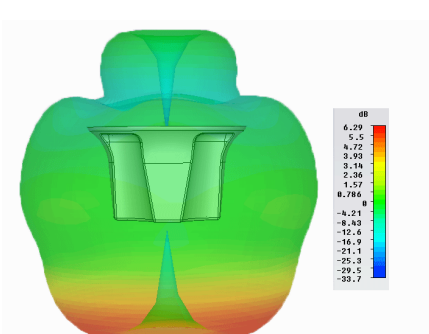
3D Gain Plot (800MHz)



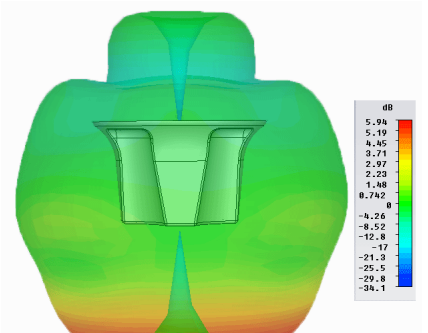
3D Gain Plot (900MHz)



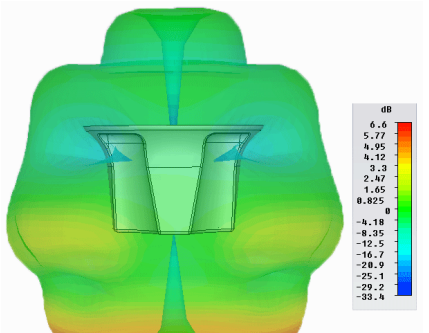
3D Gain Plot (1800MHz)



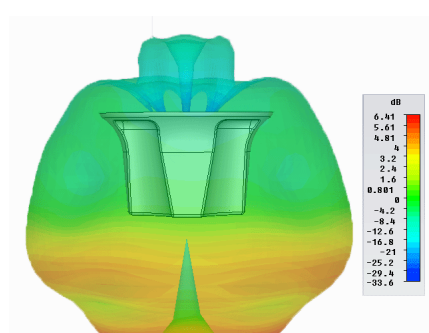
3D Gain Plot (1900MHz)



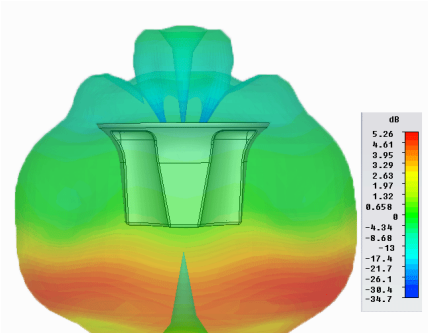
3D Gain Plot (2100MHz)



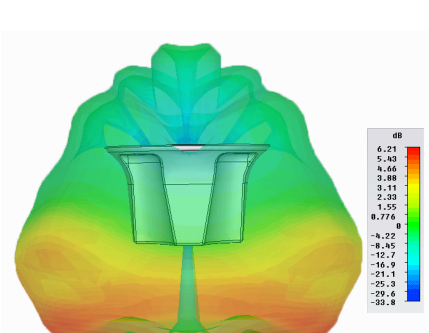
3D Gain Plot (2400MHz)



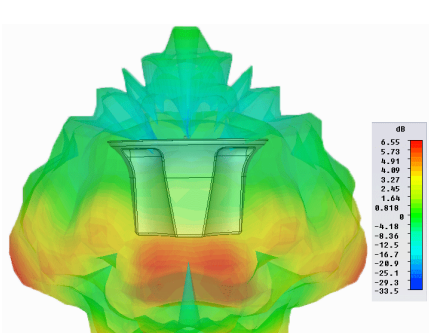
3D Gain Plot (2600MHz)



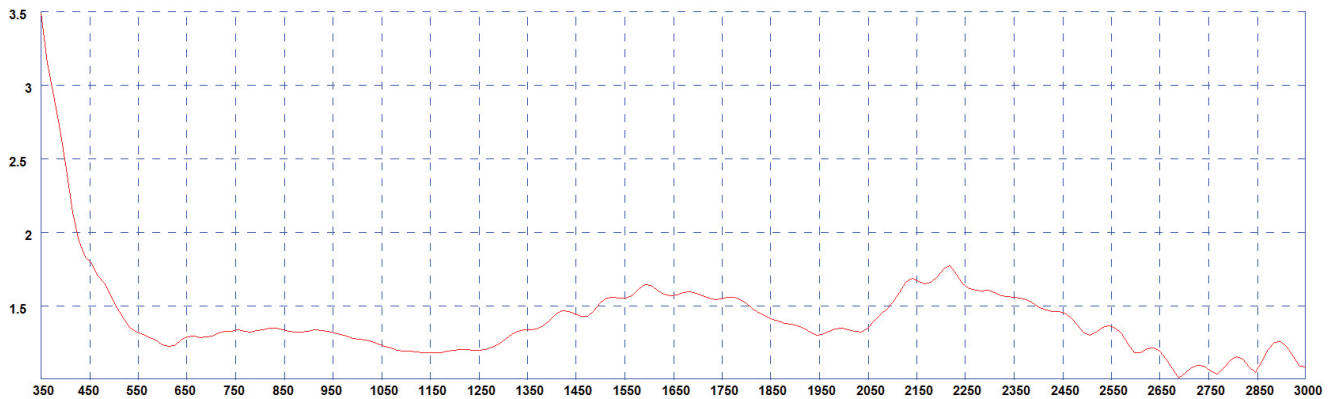
3D Gain Plot (3500MHz)



3D Gain Plot (5800MHz)



Typical VSWR*



*VSWR measured at antenna connector.

Part No.		
CMWB2-038-6-NJ		
Electrical Data		
Frequency Range (MHz)		380-6000
Operational bands		UHF/2G/3G/4G/WLAN/WIMAX
Radiation pattern		Omni-directional
VSWR		< 2.7:1
Peak Gain	380-800MHz	2dBi
	800-1000MHz	3dBi
	1000-6000MHz	6dBi
Typical Passive intermod. (2x20W, 3rd ord.) dBc*		<-140
SAR & ‘Touch Safe’ Test Data		According to 50385:2002 (Bands: 850,900,1800,2100MHz)
Max input power (W)		60 Watts
Impedance		50Ω
Mechanical Data		
Dimensions (mm)	Height	155 (6.1")
	Diameter	266 (10.47")
Operating temp (°C)		-30° / +70°C (-22° /158°F)
Radome Material		Geloy PC/ASA (meets UL746C f1)
Flame Retardance		UL94-5VB (chlorine and bromine free)
Colour		White
Mounting Data		
Fixing		4 x 6 mm fixing holes and/or N socket lock wheel
Diameter (mm)		6(0.24") / 16 (5/8")
Depth (mm)		41 (1.6")
Termination		N Socket

*Range PIM performance verified at 1900MHz under controlled conditions by Anritsu PIM Master MW82119A-0190 test equipment.



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