UHF & Cellular Ceiling Antenna

19/03/2014 V1



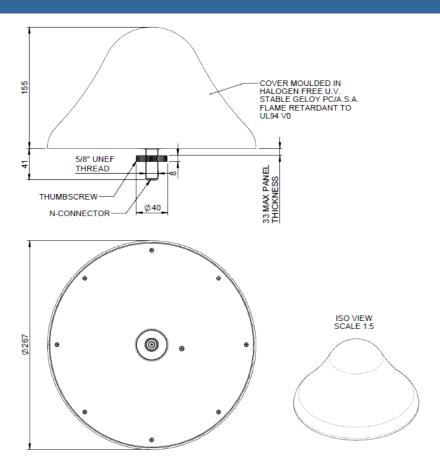
Ceiling mount design
Future proof UHF and cellular coverage
Flame Retardant Radome
Low PIM

Panorama's CMWBD-038-3-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, GSM900, 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.

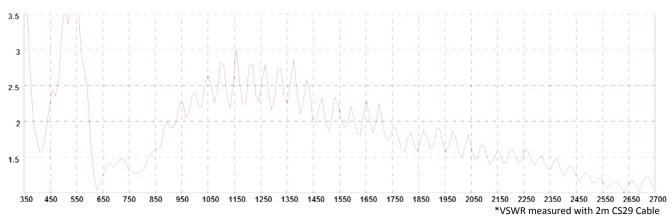


This product features Panorama Antennas' PIM Guard Technology and will meet or exceed a third order intermodulation level of > -140dBC $^{\circ}$ 

## **Technical Specification**



## Typical VSWR (shown to 3GHz)\*



Part No.		
		CMWBD-038-3-NJ
Electrical Data		
Frequency Range (MHz)		380-470/698-960/1710-6000
Operational bands		UHF/2G/3G/4G/WLAN/WIMAX
Radiation pattern		Omni-directional
Typical VSWR		< 2.5:1
Peak Gain	380-470MHz	2dBi
	698-960MHz	4dBi
	1710-6000MHz	7dBi
Typical Passive intermod. (2x20W, 3rd ord.) dBc <sup>+</sup>		<-140
Max input power (W)		60 Watts
Impedance		50Ω
Mechanical Data		
Dimensions (mm)	Height	150 (5.9")
	Diameter	266 (10.47")
Operating temp (°C)		-30° / +70°C (-22° /158°F)
Radome Material		Geloy PC/ASA (meets UL746C f1)
Flame Retardance		UL94-V0 (chlorine and bromine free)
Colour		White
Weight (g)		982
Mounting Data		
Fixing		N socket lock wheel
Diameter (mm)		6(0.24") / 16 (5/8")
Depth (mm)		41 (1.6")
Termination		N Socket



\*Antenna range PIM verified using Anritsu PIM Master 1900MHz

T: +44 (0)20 8877 4444 F: +44 (0)20 8877 4477

E: sales@panorama-antennas.com www.panorama-antennas.com

## Panorama Antennas Ltd

Frogmore, London, SW18 1HF, United Kingdom

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