

Low Profile Bracket Mount UHF Antenna

WM8-[UHF]-NJ



WM8-[UHF]-NJ

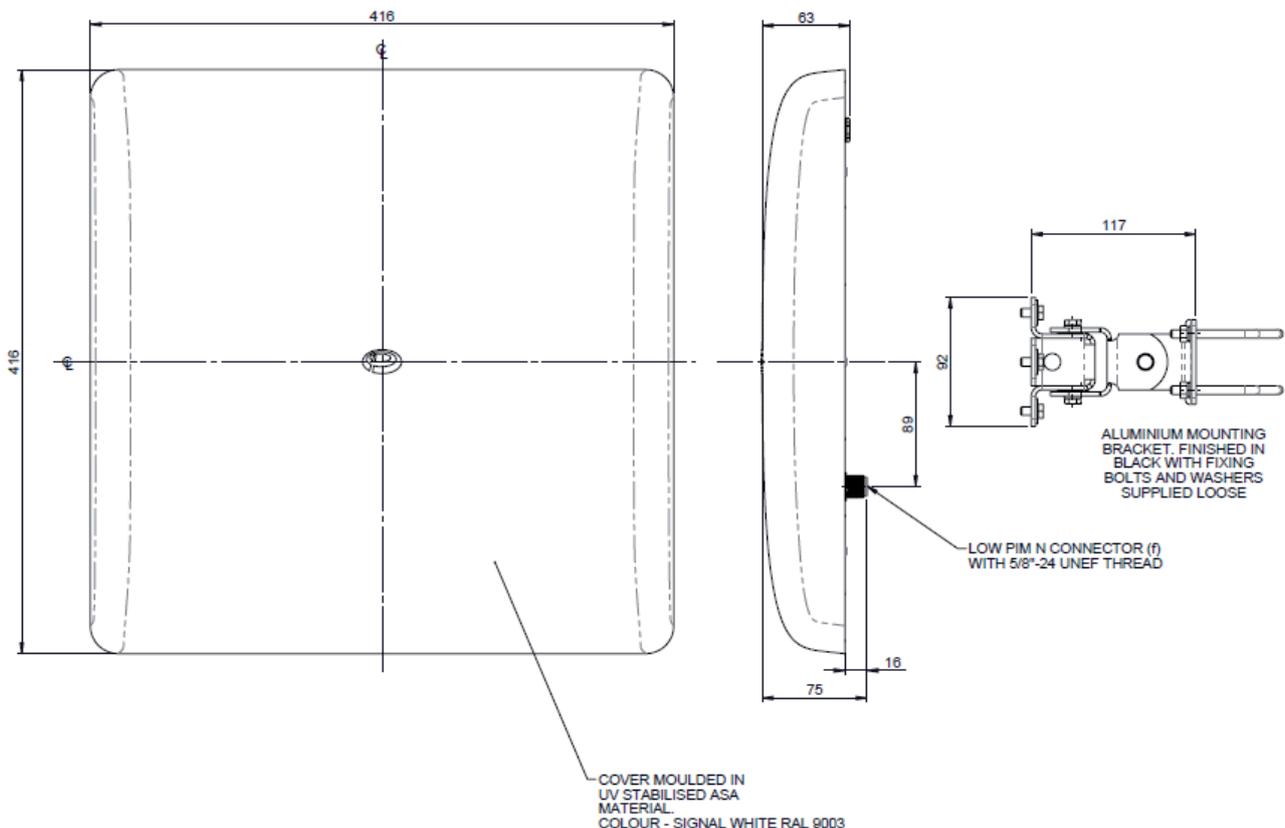
- 8dBi peak gain
- Directional panel antenna
- Wall or mast mount

The WM8-[UHF]-NJ is a directional panel antenna for UHF frequencies with a peak gain of 8dBi.

The heavy duty ASA radome is resistant to weathering and suitable for outdoor use in challenging environments. The enclosure is vented by a high performance GORE® gland which allows it to breathe while keeping moisture and contaminants out further increasing survivability.

Supplied with a multi-tilt wall and mast mount bracket the WM8-[UHF]-NJ is perfect for inbuilding or light duty infrastructure applications.

Technical Drawing



Low Profile Bracket Mount UHF Antenna

PANORAMA  ANTENNAS

WM8-[UHF]-NJ

Product Data

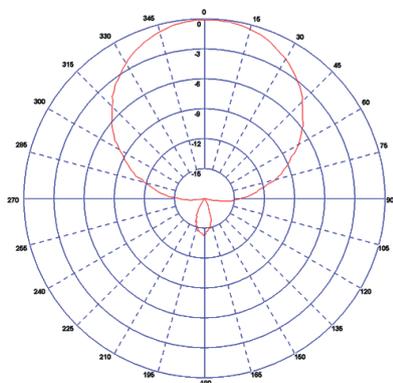
Part No.		WM8-TET-NJ	WM8-U2-NJ
Electrical Data			
Frequency Range (MHz)		380-450	450 - 520
Peak Gain: Isotropic			8dBi
Compared to a dipole			6dB
VSWR			≤ 2:1
Typical beamwidth H-plane			70°
Typical beamwidth E-plane			70°
Polarisation			Vertical
Pattern			Directional
Impedance			50Ω
Max Input Power (W)			100
Mechanical Data			
Dimensions (mm)	Height		416 (16.37")
	Width		416 (16.37")
	Depth		60 (2.36")
Operating Temp (°C)			-30° /+75°C (-22° /167° F)
Colour			White
Materials			ASA & aluminium
Typical wind load @ 45 m/s (N)			227
Survival wind speed (m/s)			55
Ingress Protection			IP66
Mounting Data			
Mounting type			Wall mount or mast mount
Termination Data			
Termination			N Socket

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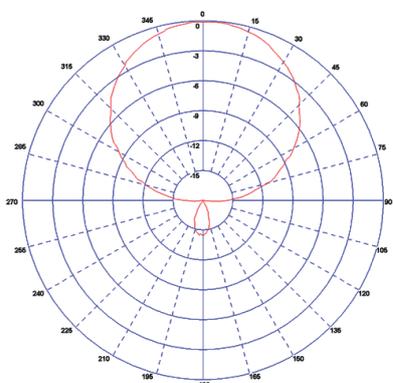
WM8-[UHF]-NJ

Electrical Data

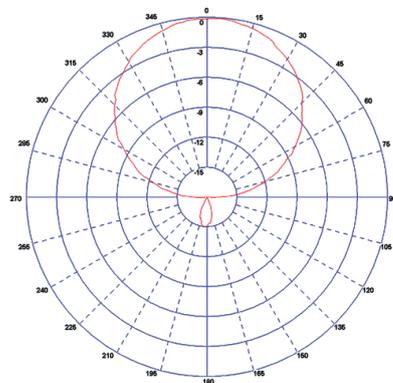
Typical H Plane 380MHz



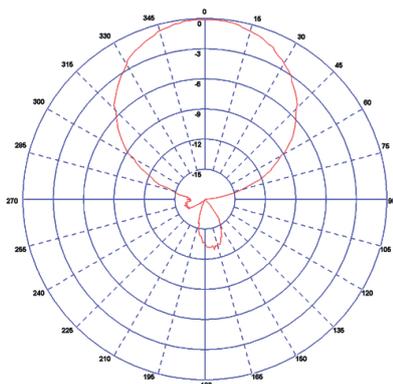
Typical H Plane 395MHz



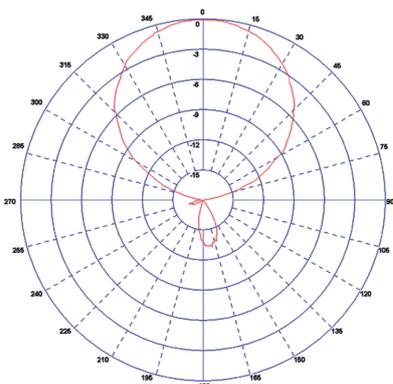
Typical H Plane 410MHz



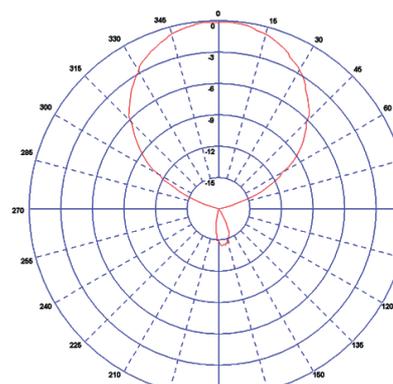
Typical E Plane 380MHz



Typical E Plane 395MHz

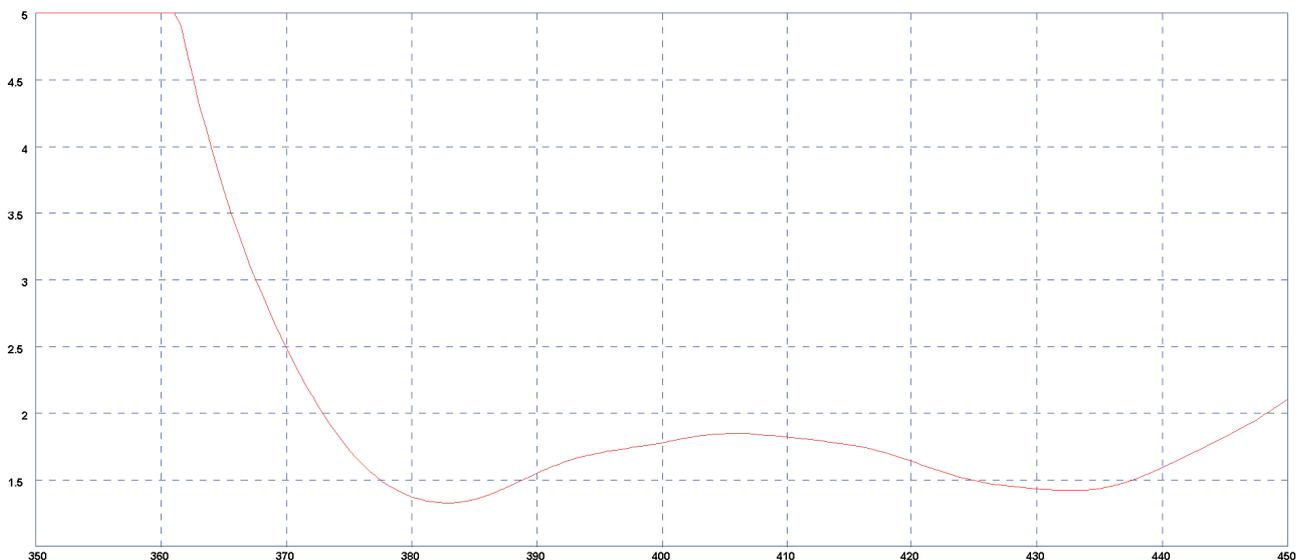


Typical E Plane 410MHz



*Patterns measured in free space with 1m of CS23 cable

Typical VSWR*



*WM8-TET-NJ measured in free space with 1m CS23 cable