TETRA WM8-TET-NJ

Directional Panel Antenna

02/04/2015 v2

WM8-TET-NJ

380-450MHz

8dBi peak gain

Directional panel antenna

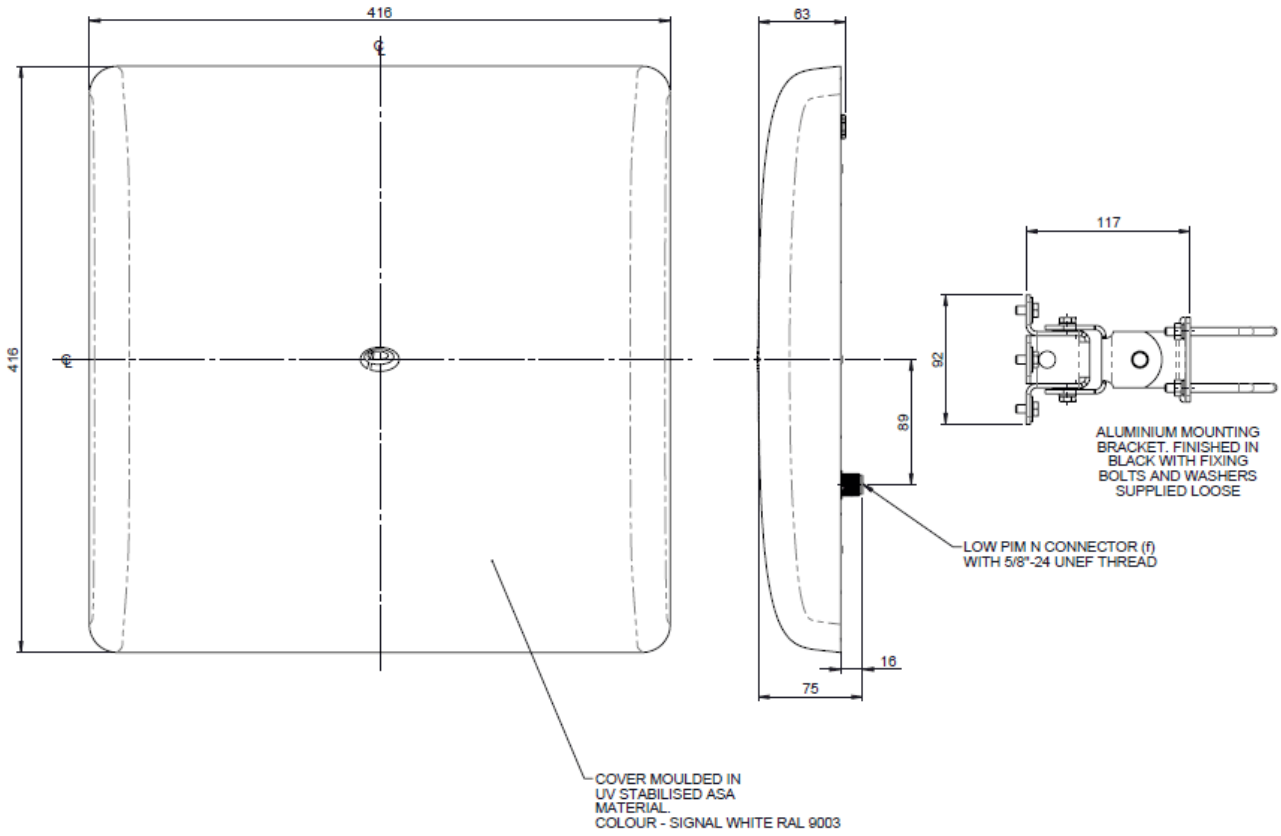
Wall or mast mount

The WM8-TET 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.

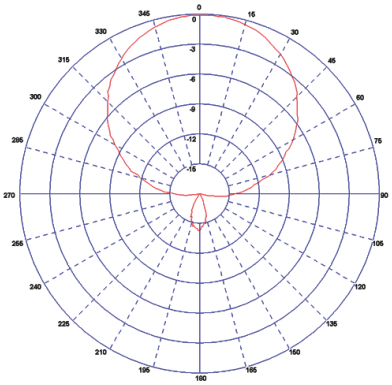
Supplied with a multi-tilt wall and mast mount bracket the WM8-TET-NJ is perfect for inbuilding or light duty infrastructure applications.

Technical Drawing

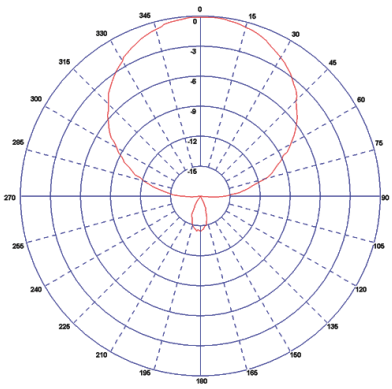


Antenna Patterns

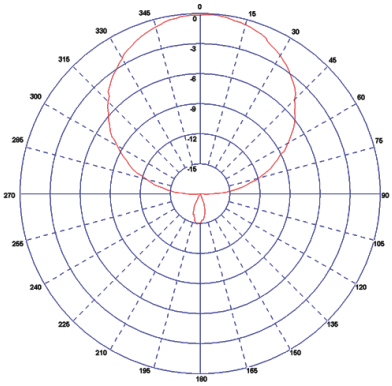
Typical H Plane 380MHz



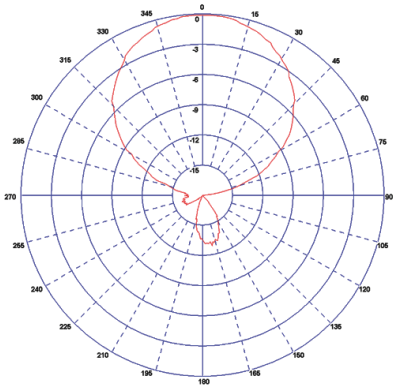
Typical H Plane 395MHz



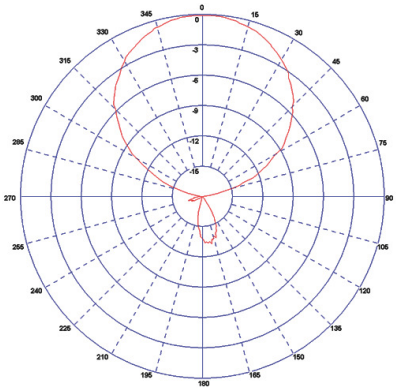
Typical H Plane 410MHz



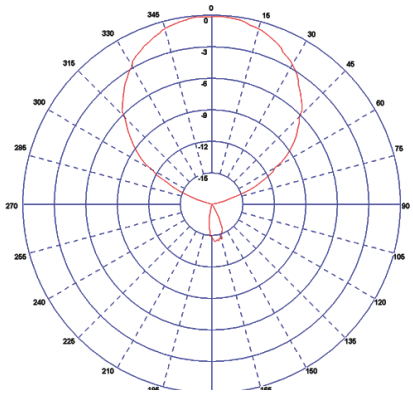
Typical E Plane 380MHz



Typical E Plane 395MHz



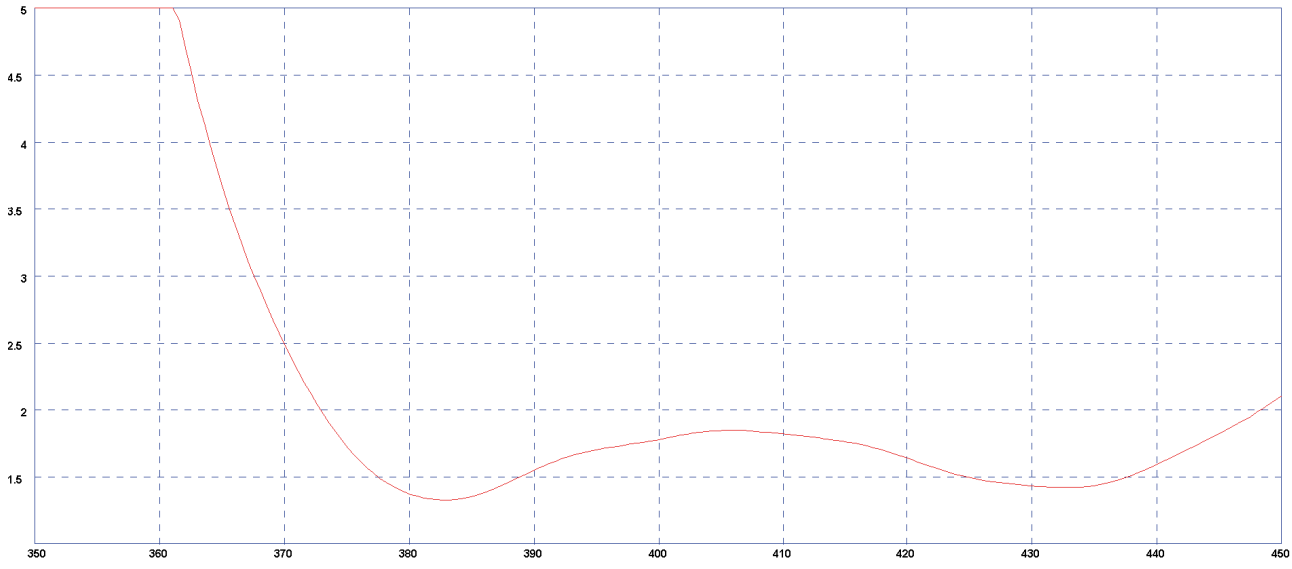
Typical E Plane 410MHz



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

Measured VSWR

Typical VSWR*



*measured in free space with 1m CS23 cable

Part No.		
		WM8-TET-NJ
Electrical Data		
Frequency Range (MHz)		380-450
Peak Gain: Isotropic		8dBi
Compared to a dipole		6dB
VSWR		≤ 1.5:1 380-385MHz | ≤ 2:1 380-450MHz
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)		54
Ingress Protection		IP66
Mounting Data		
Mounting type		Wall mount or mast mount
Termination Data		
Termination		N socket

PANORAMA ANTENNAS

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