Directional Panel Antenna

02/04/2015 v2



WM8-TET-NJ

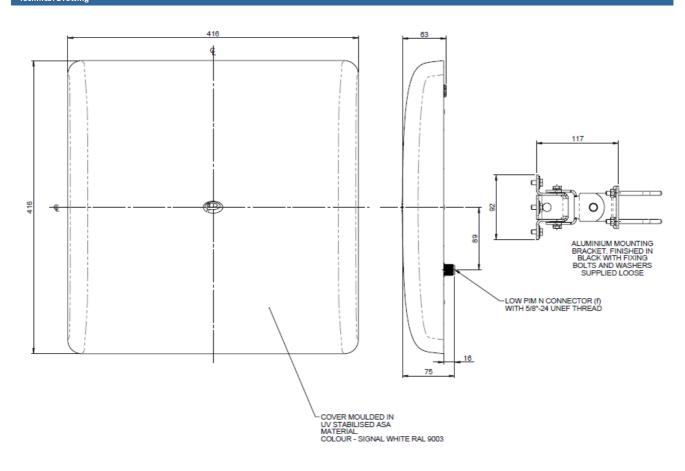
380-450MHz 8dBi peak gain Directional panel antenna Wall or mast mount

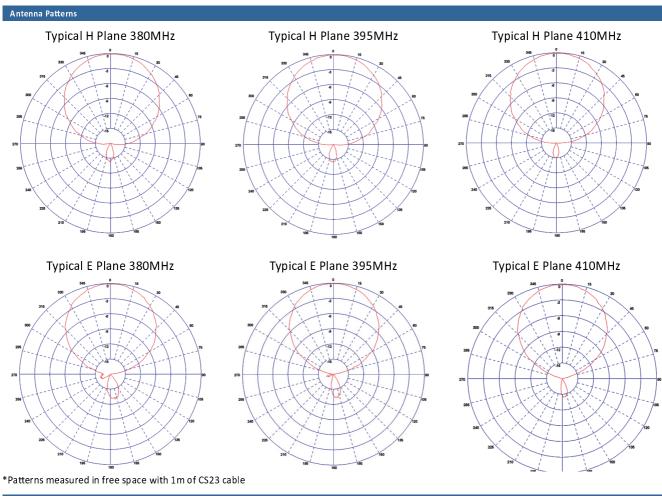
The WM8-TET is a directional panel antenna for UHF frequencies with a peak gain of 8dBi.

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.

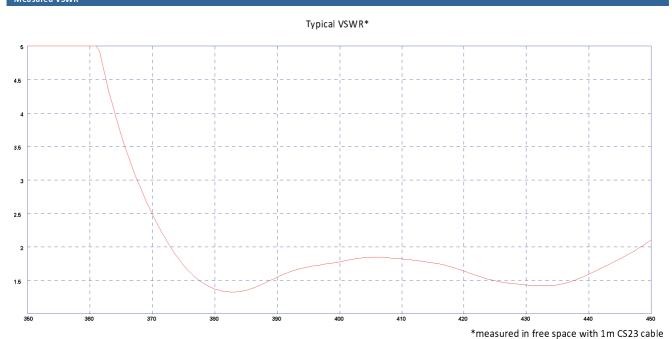
Supplied with a multi-tilt wall and mast mount bracket the WM8-TET-NJ is perfect for inbuilding or light duty infrastructure applications.

Technical Drawing









Sectrical Data Frequency Range (MHz) 380-450 Peak Gain: Isotropic 8dB Compared to a dipole 6dB VSWR	Part No.			
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 500 Max Input Power (W) 100 Mechanical Data 416 (16.37*) Dimensions (mm) Width 416 (16.37*) Dimensions (mm) Width 416 (16.37*) 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 Otta Wall mount or mast mount Termination Data			WM8-TET-NJ	
Peak Gain: Isotropic 8d8i Compared to a dipole 6d8 VSWR ≤ 1.5:1 380-385MHz ≤ 2:1 380-450MHz Typical beamwidth H-plane 70° Typical beamwidth E-plane 70° Potarisation Vertical Pattern Directional Impedance 500 Max Input Power (W) 100 Mechanical Data 416 (16.37°) Width 416 (16.37°) Depth 60 (2.36°) Operating Temp (*C) -30° /475° 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 (P66 Mounting Data Mounting type Wall mount or mast mount	Electrical Data			
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° Poterstation Vertical Pattern Directional Impedance 500 Max Input Power (W) 100 Mechanical Data Height 416 (16.37°) Dimensions (mm) Width 416 (16.37°) 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 Wall mount or mast mount Termination Data Wall mount or mast mount	Frequency Range (MHz)		380-450	
VSWR ≤ 1.5:1 380-385MHz ≤ 2:1 380-450MHz Typical beamwidth H-plane 70° Typical beamwidth E-plane 70° Pattern Directional Impedance 500 Max Input Power (W) 100 Mechanical Data Height 416 (16.37") Dimensions (mm) 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 Wall mount or mast mount Termination Data	Peak Gain: Isotropic		8dBi	
Typical beamwidth H-plane 70° Typical beamwidth E-plane 70° Polarisation Vertical Pattern Directional Impedance 500 Max Input Power (W) 100 Mechanical Data Height 416 (16.37°) Dimensions (mm) Width 416 (16.37°) Operating Temp (*C) -30° /+75° (-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 Wall mount or mast mount Termination Data Wall mount or mast mount	Compared to a dipole		6dB	
Typical beamwidth Ε-plane 70° Polarisation Vertical Pattern Directional Impedance 50Ω Max Input Power (W) 100 Mechanical Data Width 416 (16.37") Dimensions (mm) 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 type Wall mount or mast mount Termination Data	VSWR		≤ 1.5:1 380-385MHz ≤ 2:1 380-450MHz	
Polarisation Vertical Pattern Directional Impedance 500 Max input Power (W) 100 Mechanical Data 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 Wall mount or mast mount Termination Data	Typical beamwidth H-plane		70°	
Pattern Directional Impedance 50Ω Max Input Power (W) 100 Mechanical Data Height 416 (16.37") United State of Color (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 Wall mount or mast mount Termination Data	Typical beamwidth E-plane		70°	
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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 Wall mount or mast mount Termination Data Wall mount or mast mount	Impedance		50Ω	
Dimensions (mm) Height 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	Max Input Power (W)		100	
Dimensions (mm) 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	Mechanical Data			
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Operating Temp (°C) Colour White Materials ASA & aluminium Typical wind load @ 45 m/s (N) 227 Survival wind speed (m/s) Ingress Protection IP66 Mounting Data Mounting type Wall mount or mast mount Termination Data		Width	416 (16.37")	
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		Depth	60 (2.36")	
Materials ASA & aluminium Typical wind load @ 45 m/s (N) 227 Survival wind speed (m/s) Ingress Protection Mounting Data Mounting type Wall mount or mast mount Termination Data	Operating Temp (°C)		-30° /+75°C (-22°/167° F)	
Typical wind load @ 45 m/s (N) Survival wind speed (m/s) Ingress Protection IP66 Mounting Data Mounting type Wall mount or mast mount Termination Data	Colour		White	
Survival wind speed (m/s) 54 Ingress Protection IP66 Mounting Data Mounting type Wall mount or mast mount Termination Data	Materials		ASA & aluminium	
Ingress Protection IP66 Mounting Data Mounting type Wall mount or mast mount Termination Data	Typical wind load @ 45 m/s (N)		227	
Mounting Data Mounting type Wall mount or mast mount Termination Data	Survival wind speed (m/s)		54	
Mounting type Wall mount or mast mount Termination Data	Ingress Protection		IP66	
Termination Data	Mounting Data			
	Mounting type		Wall mount or mast mount	
Termination N socket	Termination Data			
	Termination		N socket	

