Low Profile Bracket Mount UHF Antenna

WM8-[UHF]-NJ





WM8-[UHF]-NJ

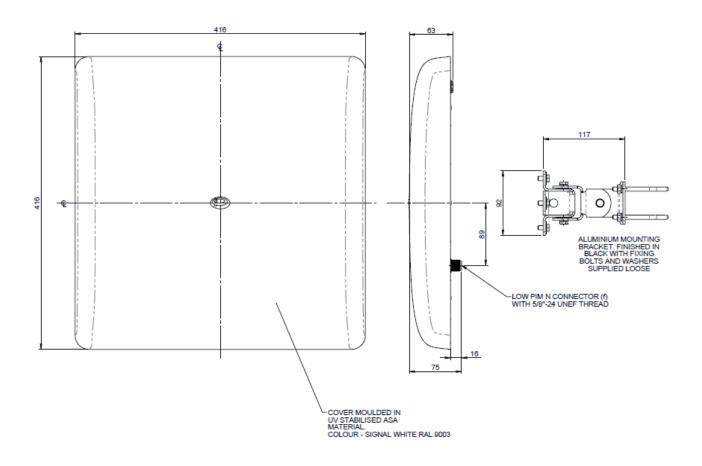
8dBi peak gain Directional panel antenna Wall or mast mount

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 $GORE^{\circ}$ 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



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Page 1

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Low Profile Bracket Mount UHF Antenna

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	8dBi	
Compared to a dipole		6dB	6dB	
VSWR		≤ 2:1	≤ 2:1	
Typical beamwidth H-plane		70°	70°	
Typical beamwidth E-plane		70°	70°	
Polarisation		Vertical	Vertical	
Pattern		Directional	Directional	
Impedance		50Ω	50Ω	
Max Input Power (W)		100	100	
Mechanical Data				
Dimensions (mm)	Height	416 (16.37")	416 (16.37")	
	Width	416 (16.37")	416 (16.37")	
	Depth	60 (2.36")	60 (2.36")	
Operating Temp (°C)		-30° /+75°C (-22° /	-30° /+75°C (-22° /167° F)	
Colour		White	White	
Materials		ASA & aluminiu	ASA & aluminium	
Typical wind load @ 45 m/s (N)		227	227	
Survival wind speed (m/s)		55	55	
Ingress Protection		IP66	IP66	
Mounting Data				
Mounting type		Wall mount or mast	Wall mount or mast mount	
Termination Data				
Termination		N Socket	N Socket	



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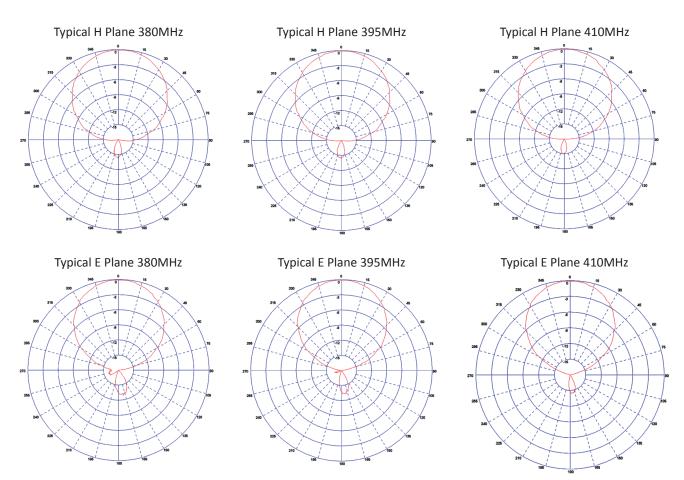
10/11/2017 V3 Page 2

Low Profile Bracket Mount UHF Antenna

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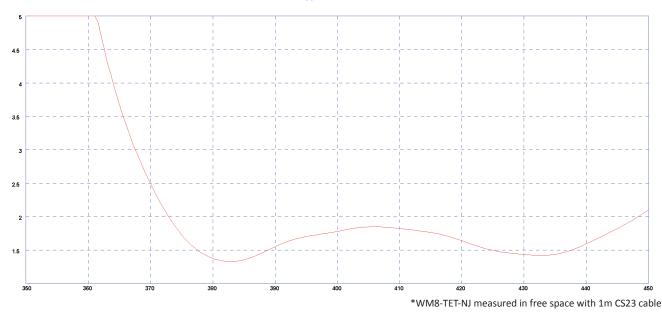
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Electrical Data



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

Typical VSWR*



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