

## AW3054

### 698-806MHz, Dual Polarized 90° Sector Antennas Fixed Tilt

This broadband Dual Polarized basestation antenna is designed for sectorized applications offering superior Azimuth and Elevation pattern control across the entire frequency band. These antennas are aesthetically pleasing while maintaining a rugged design.

#### Features:

Excellent Radiation Patterns  
Stable Gain across the band

#### Electrical Specifications:

Frequency Range:	698 MHz - 806 MHz
Gain:	12.5 dBi
Return Loss (VSWR):	> 14dB (1.5:1)
Polarisation:	Dual Slant (+/-45°)
Isolation	>30dB
Front to Back Ratio:	>25dB
Horizontal 3dB BW:	90°
Vertical 3dB BW:	17°
Upper Sidelobe Suppression:	>18dB
Power Handling:	300W
Impedance:	50 Ω
Electrical Downtilt:	4°
Ground:	DC Grounded

#### Mechanical Specifications:

Connectors:	2 x N Female
Connector Location:	Bottom
Dimensions (LxWxD):	1220 x 300 x 150 mm
Weight:	13Kg
Radome:	UV Stabilised Styrosun

#### Environmental Ratings:

Rated Wind Velocity	200 km/h (125mph)
Lightening Protection:	DC Grounded

#### Mounting Options:

Adjustable	Mounting Kit (CL-V-104)
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