

## 3300-3800MHz Sector Antenna (Dual Port, 90° Sector, +/-45° Polarisation, Fixed Tilt)

The AW3015 is a broadband, dual polarized, dual port basestation antenna. Emphasis has been placed on rugged mechanical construction, styling, small dimensions plus superior electrical performance. This antenna is designed to meet the most stringent environmental conditions.

### Features:

- Excellent radiation patterns.
- Low upper sidelobes plus null fill.
- Wide bandwidth with stable gain across the band.
- Low PIM design

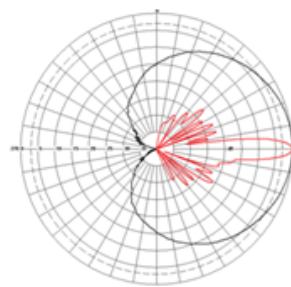
### Applications:

- WiMAX and LTE sector antennas
- 2x2 MIMO



### Electrical Specifications:

Frequency Range:	3300MHz – 3800MHz
Gain:	17.0 dBi
Return Loss:	> 15dB
Polarisation:	+/-45° Slant
Isolation:	>30dB
Front to Back Ratio:	>30dB
Horizontal 3dB BW:	90°
Vertical 3dB BW:	7°
Upper Sidelobe Suppression:	>18dB
Power Handling:	150W
Electrical Downtilt:	4°



### Mechanical Specifications:

Connector Type	2 x N Type Female
Connector Location:	Bottom
Dimensions (LxWxD):	720 x 130 x 55 mm
Weight:	3 kg
Radome:	UV-stabilised styrosun
Mounting:	CL-V-102

### Environmental Ratings:

Rated Wind Velocity:	200 km/h (125mph)
Lightening Protection:	DC Grounded
Temperature:	-40°C to +70°C