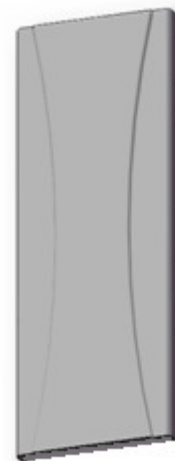


3300-3800MHz Sector Antenna (Quad Port, 65° Sector, +/-45° Polarisation, Fixed Tilt)

The AW3023-PT is a broadband, dual polarised, quad port, basestation antenna which is designed for MIMO applications. 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.
- Flying leads allowing easy connection to RRH
- UV Stabilised radome.

Applications:

- WiMAX and LTE sector antennas.
- 4x2 and 4x4 MIMO

Electrical Specifications:

Frequency Range:	3300MHz – 3800MHz
Gain:	18.0 dBi
Return Loss:	> 15dB
Polarisation:	+/-45° Slant
Isolation:	30dB to 50dB
Front to Back Ratio:	>30dB
Horizontal 3dB BW:	65°
Vertical 3dB BW:	6.5°
Upper Sidelobe Suppression:	>18dB
Electrical Downtilt:	0°
Power Handling:	150W

Mechanical Specifications:

Connector Type	4 x N Type Male
Connector Location:	Flying Lead, Back Side
Dimensions (LxWxD):	720 x 266 x 52 mm
Weight:	4kg
Radome:	UV-Stabilised Styrosun
Mounting Kit:	N/A

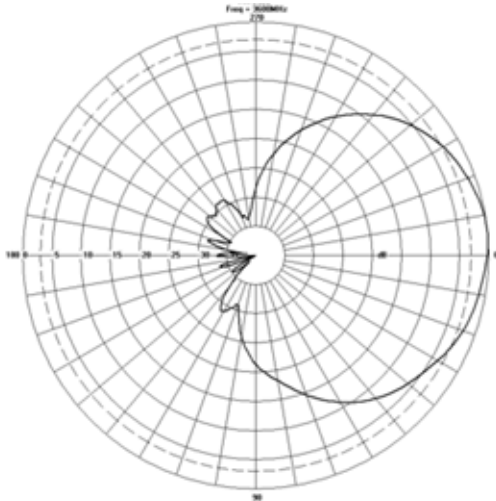
AW3023-PT Data Sheet

Environmental Ratings:

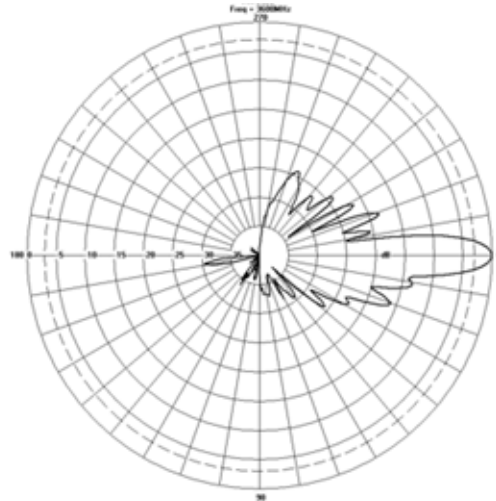
Rated Wind Velocity: 200 km/h (125mph)
Lightening Protection: DC Grounded
Temperature: -40°C to +70°C

Typical Radiation Patterns:

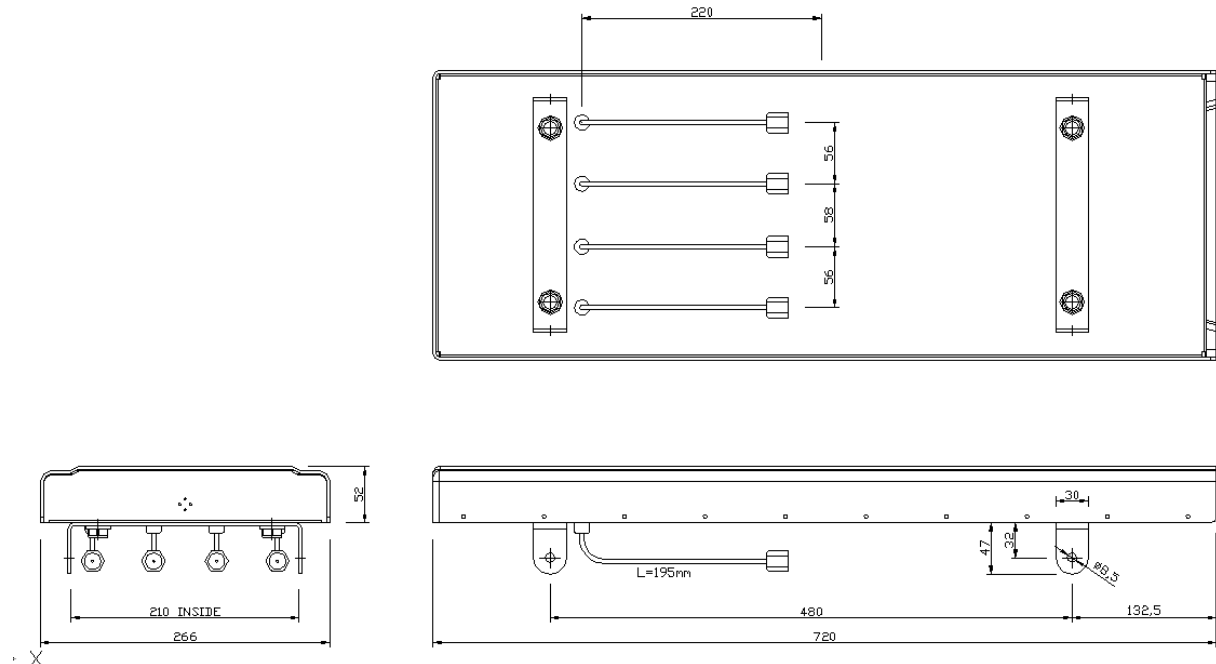
Azimuth Pattern



Elevation Pattern



Antenna Outline:



Disclaimer: These specifications are subject to change without notice