

3300 - 3800MHz Omni Antenna

(Dual Port, Omni, +/-45° Polarisation, Fixed Tilt)

*The parameters in this specification follow the definitions and recommendations per NGMN P-Basta, Release 9.6

RF Specifications

Frequency Range per Input	MHz	3300 - 3800
Polarisation:	NA	+/-45° Slant Linear
Gain		
Over all Tilts	dBi	11
Azimuth Beamwidth	Degree	360
Elevation Beamwidth	Degree	8
Electrical Downtilt:	Degree	T0° or T4°
Electrical Downtilt Deviation	Degree <	1
Impedance	Ohms	50
VSWR	NA <	1.5
Return Loss:	dB >	14
Isolation	dB >	25
Upper Sidelobe Suppression, Peak to 20°	dB >	15
Cross Polar Discrimination at Sector	dB >	10
Maximum Effective Power Per Port	W	50



Mechanical Specifications

Dimensions (LxØ) mm (in)	mm (in)	948 (37.3) x 168 (6.6)
Packing Size (LxWxD)	mm (in)	1150 (45.2) x 200 (7.8) x 200 (7.8)
Net Weight (antenna)	kg (lb)	5 (11)
Net Weight (mount)	kg (lb)	1 (2.2)
Shipping Weight	kg (lb)	6.1 (13.2)
Connector Quantity	NA	2 x N Type Female
Connector Position	NA	Bottom
Windload calculation	km/h	$F=1/2 \cdot \rho \cdot (C_{dp} \cdot \lambda) \cdot v^2 \cdot A$
Windload Frontal	N	300
Windload Lateral	N	/
Survival Wind Speed	km/h	200 (125)
Radome Material	NA	UV-Stabilised PVC
Radome Colour	RAL	7035
Product Compliance Environmental	NA	RoHS
Lightening Protection	NA	DC Grounded
Cold Temperature Survival	Celsius	-40
Hot Temperature Survival	Celsius	+ 70

Ordering Information:

* T0 (Electrical Tilt 0)

** T4 (Electrical Tilt 4)