



**Part Number: A-965**

**Circular Polarized 2.3-2.6 GHz,  
High Gain Antenna**

This compact antenna is a circular polarised stub loaded helix antenna with a performance characteristic similar to a conventional helix while only being  $\frac{1}{4}$  of the size.

The significant size reduction has been obtained using a unique antenna geometry that maximizes antenna performance & efficiency while minimizing size.

The use of circular polarization minimizes multi-path interference ideally suitable for cellular, WLAN, Access Point, Point-to-Point/Multipoint applications while significantly improving in-building coverage & penetration.

### Specifications

Frequency Range	2.3-2.6 GHz
Gain	12 dBi typical
VSWR	1.3:1 @ 2.3-2.6 GHz
3dB Beamwidth	45 Degrees typical
Polarisation	Right hand circular
Impedance	50 Ohm
RF Power	10 Watts typical
Lightning Protection	DC Grounded
Dimensions	9.52 x 9.52 x 16.5 cm
Weight	0.6 kg max
Connector	TNC Female
Radome	Black UV Stable ABS Copolymer
Base Plate	Aluminium, black finish
Temperature Range	-55 to +85 Degrees C
Watertightness	IP67 suitable for indoor & outdoor applications.

Specifications are subject to change without notice.

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