



Part Number: A-965-5'8

**Circular Polarized 4.9-5.8 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 in many applications & significantly improves in-building coverage & penetration.

Ideal antenna for indoor or outdoor applications, 4G Cellular, Point-to-Point, Point-to-Multipoint, WLAN, Access Point, WiFi & WiMAX Applications.

Specifications

Frequency Range	4940-5850 MHz
Gain	12 – 14 dBi typical
VSWR	1.5:1 Max, <1.3:1 Typical @ 4.9-5.8GHz
3dB Beamwidth	40 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 Black
Base Plate	Aluminium, black finish.
Temperature Range	-40 to +85 Degrees C
Watertightness	IP67 suitable for indoor & outdoor applications

Specifications are subject to change without notice.

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