Product Data

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 ¼ 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.