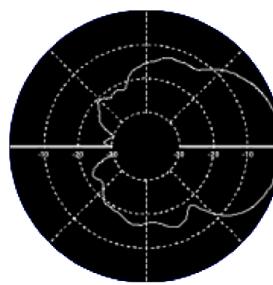


## CIRCULAR POLARIZED ANTENNA XA-12-N



Radiation Pattern  
Midband Freq. 2.4 GHz

The Acurix Networks XA-12-N 2.3-2.6 GHz 12 dBi circular polarized stub-loaded helix antenna is available in two options:

- ✗ Standalone with a TNC connector; or
- ✗ In a MIMO array with 2 x N connectors

The circular polarized stub loaded helix antenna is a compact helix antenna with performance characteristics similar to a conventional helix but only one-quarter the size.

This significant size reduction is obtained through a unique patented antenna geometry that maximizes antenna performance and efficiency while minimizing size.

The use of circular polarization minimizes multi-path interference in many applications and significantly improves in-building coverage and penetration.

## Specifications

FREQUENCY RANGE	2.3 - 2.6 GHz
GAIN	12 dBi (typ)
VSWR	1.3:1 @ 2.3-2.6 GHz
3 DB BEAMWIDTH	AZ 9°(typ) & EL 9°(typ)
POLARIZATION	Right hand circular
NOMINAL IMPEDANCE	50 (ohm)
RF POWER	10 W (typ)
LIGHTNING PROTECTION	DC Grounded

DIMENSIONS (LXWXD)	3.75" x 3.75" x 6"
WEIGHT	0.6 kg (max)
CONNECTOR	Female TNC
RADOME	Plastic
BASE PLATE	Aluminum with chemical conversion coating
TEMPERATURE RANGE	-55°C to +71°C
WATERTIGHTNESS	IP67

Specifications are subject to change without notice.