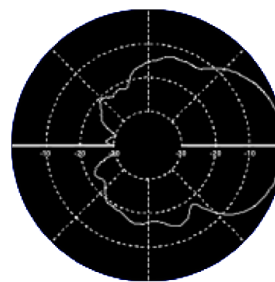




## CIRCULAR POLARIZED ANTENNA XA-12-N



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

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

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

Specifications are subject to change without notice.