Specifications

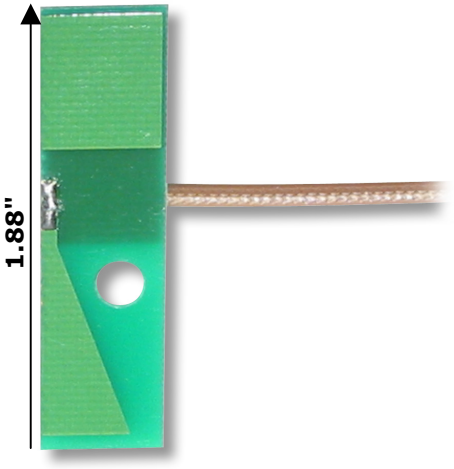
NanoBlue

Model Number:
NanoBlue

Internal Antenna – Embedded

Specifications:

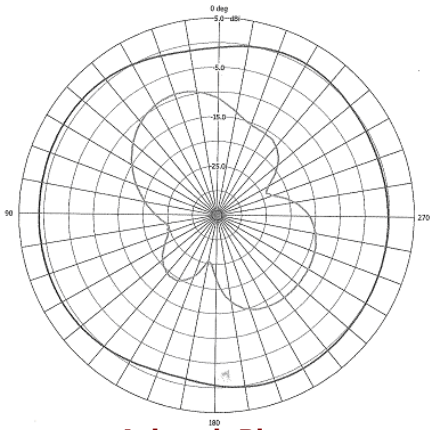
- Versatile and easy to use antenna for 2.4 to 2.5 GHz Bluetooth and IEEE 802.11 devices
- Designed for easy connection to radio cards
- Utilizes Centurion's patented PCB Microsphere technology
- Has a ground plane incorporated into the resonator structure, therefore no additional ground plane is required to radiate efficiently
- Conformance to European RoHS Directive 2002/95/EC



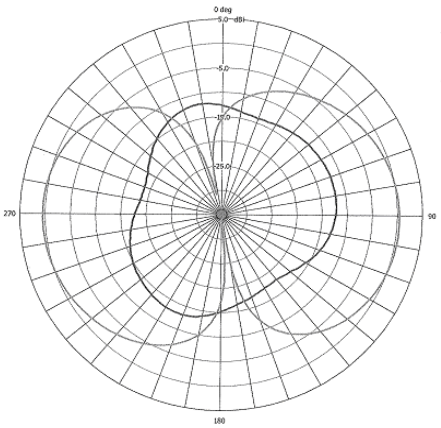
Frequency Range	2.4 – 2.5 GHz
Gain	2 dBi
Polarization	Linear
Impedance	50 ohms
VSWR	<2.5:1
Dimensions (L x W x H)	1.88" x .5"x .032"
Weight	2 g

Cable & Connector:

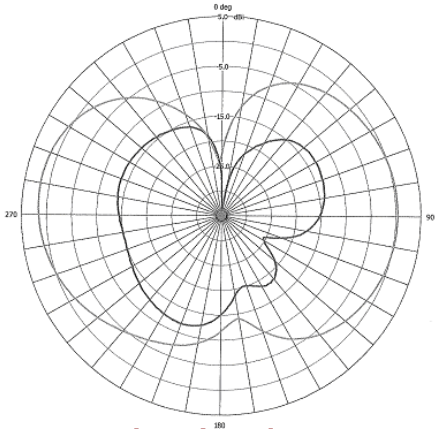
Model #	Part #	Cable	Connector
NanoBlue-IP04	MAF94045	100mm, Ø 1.13mm	IPEX MHF
NanoBlue-FL04	MAF94102	100mm, RG178	Flying Lead



Azimuth Plane
2.45 GHz



Elevation Plane
Phi = 0
2.45 GHz



Elevation Plane
Phi = 90
2.45 GHz

Specifications subject to change without notice.

NanoBlue a – 12/23/05

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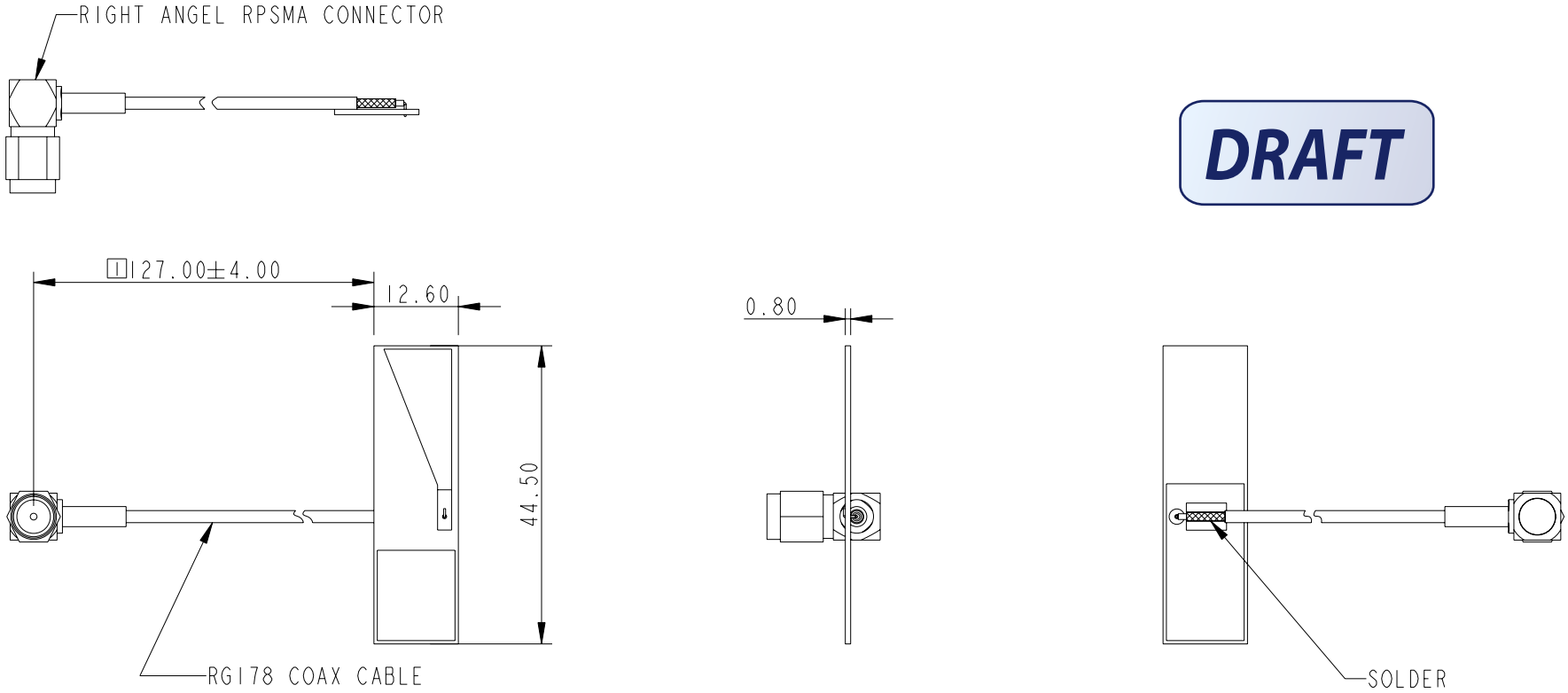

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CENTURION PART NO.	FREQUENCY RANGE
MAF95092	2.4 - 2.5 GHz

TOLERANCE (UNLESS STATED)	
	X = ±0.3
	XX = ±0.13
	ANGULAR = ± 30′

- PRODUCT & PROCESS MUST BE ROHS COMPLIANT
- MISSING INFORMATION REFER TO 3D DATA
- DIMENSIONS ARE IN MILLIMETERS UNLESS STATED OTHERWISE
- THIS DRAWING WAS GENERATED VIA PRO/ENGINEER
- PRINT NOT TO SCALE

SYM	ECO/DESCRIPTION	DATE	CK	APP

Laird TECHNOLOGIES®
ANTENNA SBU
PENANG, MALAYSIA

DRAWN BY: PANG
CHECKED BY: GERALD

DWG. NO.: MAF95092 | PG. 1/3 | REV 1

DESCRIPTION: NANOBLUE ANTENNA WITH R/A RPSMA CONNECTOR

MATERIAL: N/A

PROJECT NO. CWC0032 | DATE: 30/01/07 | SCALE: 1.000 | UNITS: MM