



Laird Connectivity's Mini NanoBlade is a dual-band, vertically-polarized omnidirectional antenna designed to provide the durability and performance of the NanoBlade in a smaller form factor. The Mini NanoBlade has a gain of 2-2.5 dBi at 2.4-2.5 GHz and 2.5-4.8 dBi at 4.9-5.875 GHz.

FEATURES AND BENEFITS

- Covers 2.4 to 2.5 GHz for 802.11b and 4.9 to 6 GHz for 802.11a, and all US, European, and Japanese WLAN applications
- Omnidirectional patterns and all frequencies with increased gain in upper bands for optimal coverage
- Coaxial cable pigtail with various connector choices
- Conformance to RoHS Directive

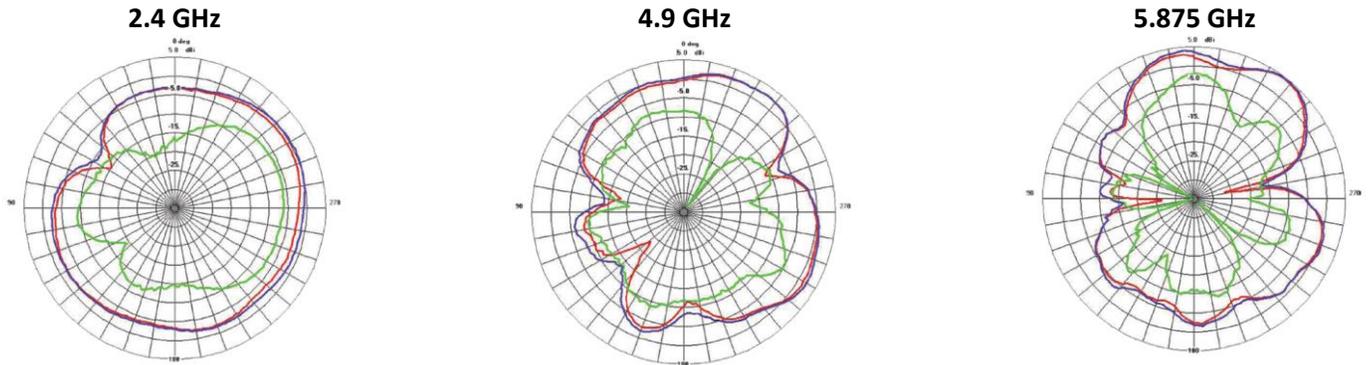
SPECIFICATIONS

Operating Frequency (MHz)	2400-2500	4900-5875
Gain (dBi)	2.0-2.5	2.5-4.8
VSWR – Max	2:1	
Nominal Impedance (Ohms)	50	
Polarization	Vertical, Omnidirectional	
Dimensions – cm (in.)	3.61 x 1.21 (1.42" x 0.475")	
Material Substance Compliance	RoHS	

CONFIGURATION

MODEL NUMBER	PART NUMBER	CABLE LENGTH	CONNECTOR	MOUNT TAPE
MINIBLADE-IP03T	MAF94149	80 mm (1.13 mm diameter)	IPEX	YES
MINIBLADE-IP03	MAF94264	80 mm (1.13 mm diameter)	IPEX	NO
MINIBLADE-IP05T	MAF94383	125 mm (1.13 mm diameter)	IPEX	YES
MINI NANOBLADE	EMN2449A2-12UFL	125 mm (1.13mm diameter)	UFL	NO

RADIATION PATTERNS



sales@lairdconnect.com
support@lairdconnect.com
www.lairdconnect.com

© Copyright 2022 Laird Connectivity. All Rights Reserved. Patent pending. Any information furnished by Laird Connectivity and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird Connectivity materials or products rests with the end user since Laird Connectivity and its agents cannot be aware of all potential uses. Laird Connectivity makes no warranties as to non-infringement nor as to the fitness, merchantability, or sustainability of any Laird Connectivity materials or products for any specific or general uses. Laird Connectivity or any of its affiliates or agents shall not be liable for incidental or consequential damages of any kind. All Laird Connectivity products are sold pursuant to the Laird Connectivity Terms and Conditions of Sale in effect from time to time, a copy of which will be furnished upon request. Nothing herein provides a license under any Laird Connectivity or any third-party intellectual property right.