



The evolution of technology has brought the need to communicate everywhere and at all times without being confined to one space. Lairds' internal wireless device antennas feature wide bandwidth to enhance the performance and application of portable wireless devices based on standards such as 802.11 and Bluetooth®. The antennas are specifically designed to be embedded inside devices for aesthetically-pleasing integration with high durability.

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
- Coaxial cable pigtail with various connector choices
- Omnidirectional patterns and all frequencies with increased gain in upper bands for optimal coverage
- Conformance to European RoHS Directive

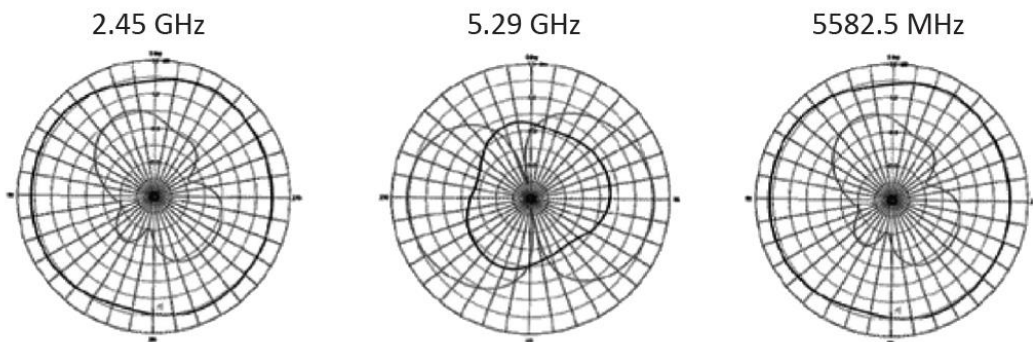
SPECIFICATIONS

Operating Frequency (MHz)	2400-2500	5150-5350	5600
VSWR – Max	2:1		
Gain (dBi)	2	3.9	4
Nominal Impedance (Ohms)	50		
Polarization	Vertical, Omnidirectional		
Dimensions – cm (in.)	5.08 x 1.65 (2.0 x 0.65)		
Material Substance Compliance	RoHS		

CONFIGURATION

MODEL NUMBER	PART NUMBER	CABLE LENGTH	CONNECTOR
NanoBlade – MMCX4	CAF94504	100 mm, RG-178	RA-MMCX
NanoBlade-IP04	CAF94505	100 mm, Ø 1.13 mm	IPEX MHF
NanoBlade-MMCX4	MAF95056	100 mm, RG-178	Flying lead
MAF95090	MAF95090	175 mm, Ø 1.13 mm	IPEX MHF

RADIATION PATTERNS



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Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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