

Two-Way Radio Antenna



EXD450

Laird's in-building wireless antennas are particularly applicable in environments where aesthetics and wide angle coverage are necessary for successful wireless deployment. Their surprisingly small size allow the antennas to be hidden almost anywhere, providing an invisible solution for most applications.

External antennas are weather resistant and waterproof high-gain antennas that provide an excellent choice for outdoor and indoor installation, and can be mounted on the outside of a housing.

Our antennas products are designed for maximum efficiency and are customizable and scalable to meet your frequency and application requirements. Contact Laird today for your complete application solutions!

FEATURES

- Injection molded $\frac{1}{4}$ wave helical antenna
- High durability, high efficiency
- Textured finish with strain-relief base
- Available in various standard connectors

PARAMETER	SPECIFICATION
Frequency Range	UHF
Nominal Impedance	50 ohms
VSWR	1.5:1 max at resonance
Polarization	Vertical
Temperature Range	-40°C to +85°C
Drop Test	1M

FREQUENCIES AND CONNECTORS

PART#	FREQUENCY BAND	CONNECTORS	AVERAGE LENGTH
EXD400	400-420 MHz	BN, BNX, KR, MD, MX, MXI, SF, SFU, SM, SMI, SMV, TN & TNX	3.4" - 3.8"
EXD410		SMV	
EXD420	420-450 MHz	BN, BNX, KR, MD, MX, SF, SFU, SM, SMV, TN & TNX	3.3" - 3.59"
EXD450	450-470 MHz	BN, BNX, KR, MD, MX, MXI, SF, SM, SMI, SMV, TN & TNX	2.95" - 3.88"
EXD470	470-512 MHz	BN, BNX, KR, MD, MX, MXI, SF, SFU, SM, SMI, SMV, TN & TNX	2.8" - 3.6"

The EXD model antenna is available in the above frequencies and connectors. Order by antenna model, frequency and connector.

For example: EXD450MX. Length of each antenna will vary according to the connector chosen. Specifications subject to change without notice.

Americas: +1.847.839.6925
IAS-AmericasSales@lairdtech.com

Europe: +44.1628.858941
IAS-EUSales@lairdtech.com

Asia:
IAS-AsiaSales@lairdtech.com

Middle East & Africa: +44.1628.858941
IAS-MEASales@lairdtech.com

www.lairdtech.com

ANT-DS-EXD 1216

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Mouser Electronics

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Laird:

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[EXD450SF](#) [EXD450MXI](#) [EXD450SMI](#) [EXD450SMV](#) [EXD450TNX](#) [EXD450MX](#) [EXD450SM](#)

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9