



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.

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Mouser Electronics

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Laird:

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