



EXD

Two-Way Radio Antenna

Laird Connectivity 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 allows 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. They can also be mounted on the outside of a housing.

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

FEATURES

- Injection-molded 1/4 wave flexible cable antenna
- High durability, high efficiency
- Textured finish with strain-relief base
- Available in various standard connectors

SPECIFICATION	
Model Name	EXDxx
Operating Frequency (MHz)	UHF
VSWR - Max	1.5:1 max at resonance
Max Power - Ambient 25°C (W)	50
Nominal Impedance (Ohms)	50
Polarization	Vertical
Ingress Protection Rating	IP67
Drop Test (M)	1
Operating Temperature - °C (°F)	-40 to +85°C (-40 to +185°F)

CONFIGURATION

PART NUMBER	FREQUENCY BAND	CONNECTOR	AVERAGE LENGTH
EXD300	300-330 MHz	BN, SM	11.68 - 13.84 (4.75-5.45")
EXD312	307-319 MHz	SM	10.29 - 12.07 (4.05-4.75")
EXD360SFU-001	360 - 400 MHz	SF	8.38 - 10.03 (3.3" - 3.95")
EXD400	400 - 420 MHz	BN, BNX, KR, MD, MX, MXI, SF, SFU, SM, SMI, SMV, TN, TNX	8.63 - 9.65 (3.4" - 3.8")
EXD410		SMV	
EXD420	420 - 450 MHz	BN, BNX, KR, MD, MX, SF, SFU, SM, SMV, TN, TNX	8.38 - 9.12 (3.3" - 3.59")
EXD450	450 - 470 MHz	BN, BNX, KR, MD, MX, MXI, SF, SM, SMI, SMV, TN, TNX	8.49 - 9.86 (2.95" - 3.88")
EXD470	470 - 512 MHz	BN, BNX, KR, MD, MX, MXI, SF, SFU, SM, SMI, SMV, TN, TNX	7.11 - 9.14 (2.8" - 3.6")

Note: The EXD model antenna is available in the above frequencies and connectors. Order by antenna model, frequency, and connector. For example: EXD450MX.

The length of each antenna varies according to the chosen connector. Specifications subject to change without notice.

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