



## EXC

### Two-Way Radio Antenna

Today's work and lifestyles require us to communicate anytime, anywhere whether on the move or sitting still. Bluetooth and 802.11 standards make wireless connections to computer networks and other devices possible, while at the same time enabling freedom of movement.

Laird Connectivity's practical and rugged external wireless device antennas are designed to fit into the portable devices used in office, industrial and home environments. The antennas feature flexible elements and many are ½ wave coaxial dipole design for reduced ground dependence and improved performance.

### FEATURES AND BENEFITS

- Injection-molded ¼ wave flexible cable antenna
- High durability, high efficiency
- Textured finish with strain-relief base
- Available in various standard connectors
- An original Tuf Duck antenna

### APPLICATIONS

- For Bluetooth and IEEE 802.11b/g devices

SPECIFICATIONS	
Model Name	EXCxxx
Operating Frequency (MHz)	UHF Trunking/Cellular
VSWR - Max	1.5:1
Nominal Impedance (Ohms)	50
Power Handling (W)	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
EXC000SM-L	118-480 MHz	SM	15.57 - 17.02 cm (6.13 - 6.7 in.)
EXC340	336-343 MHz	BNX	20.32 cm (8.0 in.)
EXC400	400-420 MHz	BNX	17.15 - 17.8 cm (6.75 - 7.0 in.)
EXC420	420-450 MHz	BNX, SM	17.15 - 17.8 cm (6.75 - 7.0 in.)
EXC450	450-470 MHz	BN, BNX, MD, MX, PL, SFU, SM, TN	16.23 - 17.53 cm (6.39 - 6.9 in.)
EXC470	470-512 MHz	MX	15.57 - 17.02 cm (6.13 - 6.7 in.)
EXC806	806-866 MHz	MD, SF	9.4 - 11.68 cm (3.7 - 4.6 in.)
EXC902	902-960 MHz	BN, BNX, MD, SM, TN	8.9 - 9.27 cm (3.5 - 3.65 in.)
EXC1000	1000 MHz	BN	8.38 (3.3 in.)

**Note:** Order by antenna model, frequency, and connector (for example: EXC450MX). The length of each antenna varies according to the chosen connector.

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