Smart Technology. Delivered.

EXC
Two-Way Radio Antenna



EXC400

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'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

- 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

MARKETS

- For Bluetooth & IEEE 802.11b/g devices

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

The EXC model antenna is available in the following frequencies and connectors.

Order by antenna model, frequency and connector. For example: EXC450MX.

Length of each antenna will vary according to the connector chosen.

PART#	FREQUENCY BAND	CONNECTORS	AVERAGE LENGTH
EXC400	400-420 MHz	BN, BNX, KR, MD, MX, MXI, SF, SFU, SM, SMV, TN & TNX	6.75" – 7.0"
EXC410		SMI	
EXC420	420-450 MHz	BN, BNX, KR, MD, MX, SF, SFU, SM, SMV, TN & TNX	6.75" – 7.0"
EXC440		SMI	
EXC450	450-470 MHz	BN, BNX, KR, MD, MX, MXI, SF, SFU, SM, SMV, TN & TNX	6.39" – 6.9"
EXC470	470-512 MHz	BN, BNX, KR, MD, MX, MXI, SF, SFU, SM, SMV, TN & TNX	6.13" – 6.7"
EXC806	806-866 MHz	BN, BNX, KR, MD, MX, SF, SFU, SM, SMV, TN & TNX	3.7" – 4.6"
EXC902	902-960 MHz	BN, BNX, KR, MD, MX, SF, SFU, SM, SMV, TN & TNX	3.5" – 3.65"

Specifications subject to change without notice.according to the connector chosen.

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