



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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