



EXS

Two-Way Radio Antenna

TE's in-building wireless antennas are particularly applicable in environments where aesthetics and wide-angle coverage are necessary for successful wireless deployment. Because of their small size, you can hide the antenna 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. These antennas are designed for maximum efficiency and are customizable and scalable to meet your frequency and application requirements.

FEATURES AND BENEFITS

- Injection-molded $\frac{1}{4}$ wave helical slim mini antenna
- High durability, high efficiency
- Textured finish with strain-relief base
- An original Tuf Duck antenna

MARKETS

- Public safety/Two-way
- Trunking/Cellular
- For 2.4 GHz ISM and IEEE 802.11BG devices

SPECIFICATION

Operating Frequency (MHz)	VHF Trunking/Cellular
VSWR - Max	1.5:1 max at resonance
Nominal Impedance (Ohms)	50
Power Handling (W)	50
Polarization	Vertical
Operating Temperature - °C (°F)	-40 (-40) to +85 (+185)
Drop Test	1 meter

CONFIGURATION

The EXS model antenna is available in the following frequencies and connectors. Order by antenna model, frequency, and connector.

For example: EXS150MX. Length of each antenna varies with the chosen connector.

PART NUMBER	FREQUENCY BAND	CONNECTOR	AVERAGE LENGTH
EXS000	Untuned	MX, SF, SFU, SM, SMI	4.0" - 5"
EXS118	118-127 MHz	BNX	5.1"
EXS136	136-144 MHz	MX, SF, SMI	3.62" - 4.4"
EXS144	144-148 MHz		3.55" - 4.45"
EXS148	150-162 MHz	MX, SF	3.50"
EXS150	150-164 MHz	BN, BNX, MD, MX, MXI, SF, SFU, SMI, SMV, TNX	3.5" - 4.39"
EXS155	155-164 MHz	MX, SF, SFU, SMI, TNX	3.45" - 4.2"
EXS164	164-174 MHz	BN, MX, SFU, SMI, TNX	3.3" - 3.95"
EXS220	220-225 MHz	MX	3.0"
EXS806	806-866 MHz	SF, SFU, SM	1.83"
EXS880/1710	880-1710 MHz	SM	2.75"
EXS902	896-941 MHz	SFU	1.89"
EXSN2.4HW	2.4 GHz	RSM	N/A

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