

## Quarter Wave Helical Coaxial Antenna

Galtronics introduced an ultra-durable 1/4-wave helical coaxial antenna for portable two-way radios. This flexible, yet rugged antenna is designed and thoroughly tested to exceed a five-year life cycle. The average antenna for this application has an expected life cycle of three to five years.

This new product offers several damage resistant features. It will withstand four drops directly on the tip from a height of 48 inches while attached to the fully weighted radio. This antenna also will withstand a minimum 15-inch pound tightening/loosening torque and a minimum of 30 pounds pulling load when holding the antenna at the center.

The antenna has a frequency range of 136 MHz to 174 MHz, covered in 3 band splits, with a nominal impedance of 50 ohms. Each antenna is precision trimmed to (1 MHz of required frequency for the best voltage standing wave ratio (VSWR) and has an SMA (F) connector.

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