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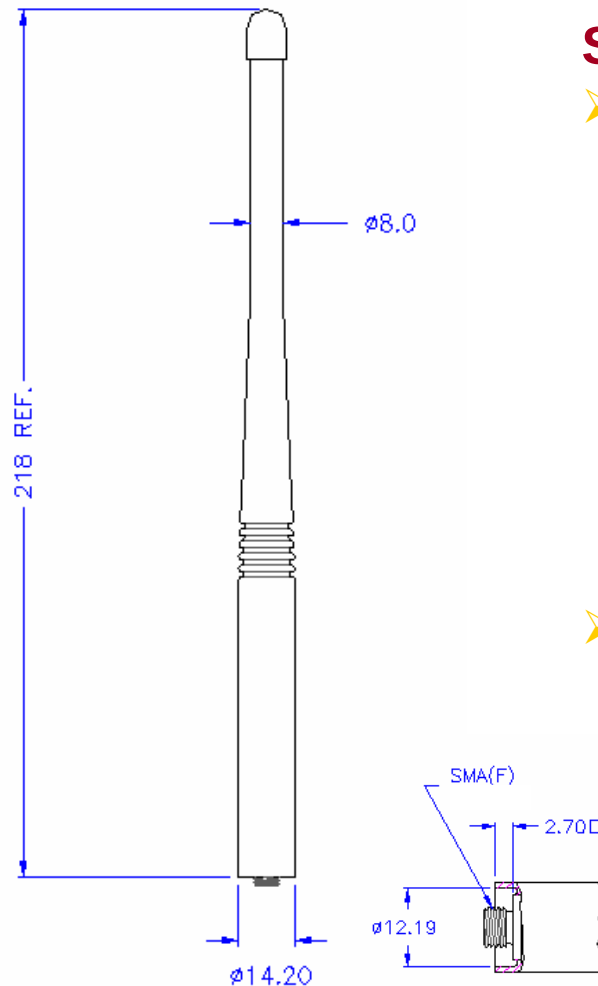
E. F. Johnson Co.
Model: 242-5110 / 242-5111
FCC Part 90 & IC RSS-119
Permissive Change
RTL WO# 2002213

APPENDIX B: ANTENNA SPECIFICATIONS

Please refer to the following pages.

➤ SMA (f) Broadband Helical





Specifications

➤ Mechanical

- > Element: Dual helical spring
- > Material: Injection molded polyurethane covering. Copper clad, high carbon steel springs and stainless connector. Gold plated center contact
- > Connector: SMA (f)
- > Weight: 37 g

➤ Electrical

- > Impedance: 50 ohms nominal
- > Power: 20 watts maximum
- > Polarization: Vertical

136-174 MHz**218 mm ref.**

Features

- Uniquely designed with dual helical radiating elements
- This antenna will provide optimum performance for all of the VHF bands, in one antenna
- This innovative antenna design includes extreme flexibility. reliability. and ruggedness as standard features
- Will withstand at least 4 drops directly to the tip from a height of 120 cm while attached to a fully weighted radio
- The antenna will withstand a minimum of 14 kg pull dead weight holding the antenna at the center
- The antenna will withstand a minimum 1.7 N•m tightening/loosening torque.
- Each antenna will assure a tolerance of +/- 1 MHz of your required frequency for best VSWR.