



ANTENNA

communication accessories

The Calsense Antenna Surge Protector, model ANT-PROT, is a waterproof, ultra-low capacitance gas discharge tube-based surge arrester device that protects the radio and controller from direct lightning strikes. Used in conjunction with Calsense Stick or Yagi Antennas, it's installed in series with the antenna cable and forces any electrical surges to ground.



technical specifications

dimensions

- Height: 2.4"
- Diameter: 1.0"

mounting:

- Bulkhead

wireless interface:

- Frequency Range: 0 - 2,000-MHz
- Insertion Loss: < 0.2-dB
- RF Power: 50 - 200-Watts

environmental:

- Operating Temperature: -40° to 80°C (-40° to 176°F)

certifications:

- Safety: UL®

warranty

- 5-year limited warranty

The Calsense model LMR®-400-DB and LMR-600-DB antenna cables are ideal for increasing the range of your Local Radio and Spread Spectrum Radio networks when used in conjunction with a Calsense Stick or Yagi Antenna.



The LMR-400-DB and LMR-600-DB antenna cables are UV resistant, watertight, polyethylene-jacketed cables designed for 20-year service outdoor use.

The maximum length of LMR-400-DB cable is 100-feet. Longer distances may be available with prior approval from Calsense, though will typically require LMR-600-DB.

technical specifications

construction material:

- Inner Conductor: Solid Bare Copper Coated Aluminum
- Dielectric: Foam Polyethylene
- Outer Conductor: Aluminum Tape
- Outer Braid: Tinned Copper
- Jacket: Polyethylene

environmental:

- Operating Temperature: -40° to 85°C (-40° to 185°F)

certifications:

- Safety: UL®, NEC®

warranty

- 12-year limited warranty

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