**Technical Specification**

**A1083B**

**806-970 MHz 3dB Gain**

**ELEVATED FEED ANTENNA**

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**High Performance:** 3dB gain is achieved in this premium antenna featuring a co-linear design with an elevated feed point. This antenna can operate using a very small ground plane, or no ground plane at all. They have a power handling capacity of 200 watts.

**Style and Safety:** These antennas are manufactured using the finest corrosion resistant materials and finishes available. They feature an elevated feed point that keeps RF signals away from the passenger compartment.

**Dependable:** The A1083 series features a built in shock spring and a spring loaded contact for long term reliability.

**Standard Mounting:** These antennas mate with the standard TAD/NMO type mount, providing an excellent moisture seal even when the antenna is removed.

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**ELECTRICAL SPECIFICATIONS:**

**FREQUENCY RANGE:**

- 06  806-866MHz
- 24  824-896MHz
- 96  896-970MHz
- 915 900-930MHz

**GAIN:**  3dB

**BANDWIDTH:**  Up to 70 MHz

**VSWR:**  <2.0:1

**IMPEDANCE:**  50 ohms

**POWER RATING:**  200 watts

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**MECHANICAL SPECIFICATIONS:**

**RADIATOR:**  Stainless steel

**BASE:**  Powder coated brass

**CONTACT:**  Spring loaded contact

**LENGTH:**  23” (58cm) at lowest frequency

**MOUNTING:**  Standard TAD/NMO type

**FINISH:**  Black