

# COMTELCO

## Technical Specification

A1083B

806-970 MHz 3dB Gain

ELEVATED FEED ANTENNA

**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.

### 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

### MECHANICAL SPECIFICATIONS:

RADIATOR:	Stainless steel
BASE:	Powder coated brass
CONTACT:	Spring loaded contact
LENGTH:	23" at lowest frequency
MOUNTING:	Standard TAD/NMO type
FINISH:	Black

