

COMTELCO

Technical Specification

A1833 A, B

140-170 /440-470 Hz

HIGH PERFORMANCE DUAL BAND ANTENNA

High Performance: This antenna provides 2.5dB gain on VHF and 4dB gain on UHF. It provides 10MHz of bandwidth at both VHF and UHF with less than 2:1 VSWR. It is available in 3 frequency ranges.

Stylish and Durable: This antenna is manufactured using the finest corrosion resistant materials and finishes available. The base is triple plated chrome brass with an insert molded low loss coil form and a spring loaded, gold plated contact. The silver plated phasing coil is fully enclosed to insure years of dependable service. It is available in both brite and black finish.

Weatherproof: O ring seals and overlap construction keep moisture out of the antenna.

Standard Mounting: The 1833 series antennas mate with the standard TAD/NMO type mount, which provides an excellent moisture seal even when the antenna is removed.

ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE: 140-170MHz
440-470MHz

GAIN: 2.5dB @ 140-170MHz
4.0dB @ 440-470MHz

IMPEDANCE: 50 ohms

POWER RATING: 200 watts

VSWR: <2.0:1

RADIATION PATTERN: Omni directional

MECHANICAL SPECIFICATIONS:

RADIATOR: Stainless steel

MATCHING COIL: Silver plated enclosed coil

BASE: ABS, chrome plated brass

CONTACT: Gold plated spring loaded contact

LENGTH: 32"

MOUNTING: Standard TAD/NMO type



FREQUENCY	BRITE	BLACK
140-150 / 440-450MHz	A1833A-40	A1833B-40
150-160 / 450-460MHz	A1833A-50	A1833B-50
160-170 / 460-470MHz	A1833A-60	A1833B-60