

COMTELCO

Technical Specification

BSA2400-16-60

2.4-2.5 GHz 16dBi Gain 60° Sector

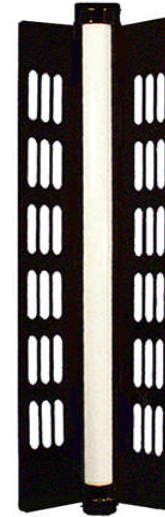
BASE STATION ANTENNA

Reliable Performance: Rated at 250 watts and 16dBi gain, you can expect years of continuous service. This antenna provides 60° coverage at full gain.

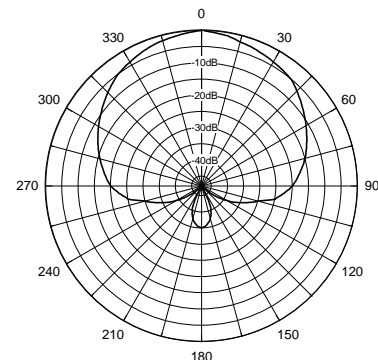
Rugged Construction: The radiating elements are constructed of copper & copper alloy. They are encased in a fiberglass radome for total environmental protection. The assembly is designed to withstand winds of over 125 MPH.

Weatherproof: The fiberglass radome is ultraviolet inhibited. The reflector assembly is epoxy powder coated aluminum for superior weather protection.

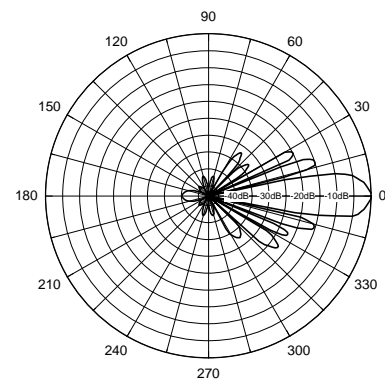
Installation: All hardware for installation on an existing 2 ½" diameter mast or tower leg is supplied. The supplied mount kit consists of a heavy duty galvanized steel assembly that is downtilt adjustable from 0°-5°.



Horizontal Pattern



Vertical Pattern



ELECTRICAL SPECIFICATIONS:

FREQUENCY: 2.4 - 2.5 GHz
GAIN: 16dBi
VSWR: <2:1
BANDWIDTH: >100 MHz
FRONT TO BACK: 24 dB
POWER RATING: 250 watts
IMPEDANCE: 50 ohms
VERT BEAMWIDTH: 15°
HORIZ BEAMWIDTH: 60°

MECHANICAL SPECIFICATIONS:

RADIATOR: Internal copper alloy elements
REFLECTOR ASSY: Powder coated aluminum 30" H x 9" W
RADOME: White UV inhibited fiberglass
TERMINATION: Female N
LENGTH: 30"
WIDTH: 9"
WEIGHT: 10.5 lbs.
FLAT PLATE AREA: 1.5 ft²
WIND RATING: 125 MPH
LATERAL THRUST: 101 lbs.
MOUNTING: Heavy duty galvanized steel