

COMTELCO

Technical Specification

BS650UWB

620-680 MHz Unity Gain

BASE STATION ANTENNA

Reliable Performance: Rated at 250 watts and unity gain from 620-680MHz. This antenna will provide years of continuous service.

Rugged Construction: The radiating elements are supported internally and constructed of copper alloy. They are then encased in a fiberglass radome for total environmental protection.

Weatherproof: The fiberglass radome is ultraviolet inhibited. The heavy wall aluminum mounting sleeve is epoxy coated for superior weather protection.

Lightweight: These antennas are light weight at less than 5 lbs. but are designed to withstand winds in excess of 125 MPH.

Simple Installation: Using the optional BSMNT2 mounting kit, installation takes only minutes.



ELECTRICAL SPECIFICATIONS:

FREQUENCY:	620-680MHz
GAIN:	Unity
VSWR:	<2.0:1
VERTICAL BEAMWIDTH:	70°
BANDWIDTH:	>60MHz
POWER RATING:	250 watts
IMPEDANCE:	50 ohms

MECHANICAL SPECIFICATIONS:

ANTENNA LENGTH:	30"
RADIATOR:	Internal copper alloy elements
RADOME:	White UV inhibited fiberglass
MOUNTING SLEEVE:	Heavy wall epoxy coated alum.
SLEEVE LENGTH:	5"
SLEEVE DIAMETER:	1.35"
WEIGHT:	5 lbs.
FLAT PLATE AREA:	.165 ft ²
WIND RATING:	125 MPH
LATERAL THRUST:	11.1 lbs.

Vertical Pattern

