COMTELCO

Technical Specification

BS800XL7

806-970MHz, 6.5dBd, 8.5dBi Gain

Reliable Performance: Rated at 250 watts, you can expect years of continuous service from these heavy duty antennas.

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

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

Lightweight: These antennas are lightwei ght at less than 10 lbs. but are designed to easily withstand winds of over 125 MPH.

Simple Installation: Using the optional BSLMNT2 *m* ounting kit, installation takes only minutes.

ELECTRICAL SPECIFICATIONS:

FREQUENCY:

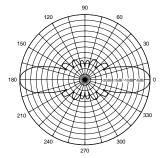
BS800XL-A	806-866MHz
BS800XL-C	824-896MHz
BS800XL-E	890-970MHz

GAIN: 6.5dBd VERTICAL BEAMWIDTH BANDWIDTH: POWER RATING: IMPEDANCE:	15° 70MHz@ <2.0:1 250 watts 50 ohms
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MECHANICAL SPECIFICATIONS:

ANTENNA LENGTH:	64"
WEIGHT:	9 lbs.
RADIATOR:	Internal copper alloy elements
RADOME:	1.5" white UV inhibited fiberglass
MOUNTING SLEEVE:	Heavy wall epoxy coated
SLEEVE DIMENSIONS:	1.95" X 10"
FLAT PLATE AREA:	.44 ft ²
WIND SURVIVAL: 125	MPH
LATERAL THRUST:	29.7 lbs.

Vertical Pattern



BASE STATION ANTENNA

m