

COMTELCO

Technical Specification

BSL220XL3

200-225 MHz 3dBd Gain

BASE STATION ANTENNA

Reliable Performance: Rated at 250 watts and 3dB gain, you can expect years of continuous service from this heavy duty antenna.

Rugged Construction: The radiating elements are supported internally and constructed of copper alloy. They are welded and/or soldered to prevent any intermodulation. 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.

Heavy Duty: These antennas are heavy duty but lightweight at less than 8 lbs. They are designed to easily withstand winds of over 125 MPH.

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

ELECTRICAL SPECIFICATIONS:

Part No.	Frequency
BSL220XL3-A	200-210MHz
BSL220XL3-B	210-220MHz
BSL220XL3-C	215-225MHz

CUSTOM FREQUENCIES AVAILABLE

GAIN:	3 dBd
VSWR:	<2.0:1
BANDWIDTH:	10 MHz
POWER RATING:	250 watts
IMPEDANCE:	50 ohms
VERT BEAMWIDTH:	45°

MECHANICAL SPECIFICATIONS:

RADIATOR:	Internal copper alloy elements
RADOME:	1.5" dia. white UV inhibited fiberglass
MOUNTING SLEEVE:	1.95" dia. heavy wall epoxy coated
SLEEVE LENGTH:	10"
TERMINATION:	Female N
LENGTH:	98"
WEIGHT:	8 lbs.
FLAT PLATE AREA:	.66 ft ²
WIND RATING:	100 MPH
WIND LOAD:	44.5 lbs.



Vertical Pattern

