

COMTELCO

Technical Specification

BSLL220XL3

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 BSLLMNT2 or BSLLUMNT2-4 mounting kit, installation takes only minutes.

ELECTRICAL SPECIFICATIONS:

| Part No. | Frequency |
|--------------|------------|
| BSLL220XL3-A | 200-210MHz |
| BSLL220XL3-B | 210-220MHz |
| BSLL220XL3-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: | 2" dia. white UV inhibited fiberglass |
| MOUNTING SLEEVE: | 2.375" 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

