

Technical Specification

200-225 MHz 3dBd Gain

BS220XL3

BASE STATION ANTENNA

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

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.

Lightweight: These antennas are lightweight at less than 8 lbs. but are designed to easily withstand winds of over 100 MPH.

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

ELECTRICAL SPECIFICATIONS:

Part No.	Frequency
BS220XL3-A	200-210MHz
BS220XL3-B	210-220MHz
BS220XL3-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:	White UV inhibited fiberglass
MOUNTING SLEEVE:	1.35" (3.4cm) dia. heavy wall epoxy coated
SLEEVE LENGTH:	10" (24.5)
TERMINATION:	Female N standard, pigtail optional
LENGTH:	96" (2.4m)
WEIGHT:	8 lbs. (4kg)
FLAT PLATE AREA:	.44 ft ²
WIND RATING:	100 MPH (204kph)
WIND LOAD:	29.7 lbs. (13kg)



Vertical Pattern

