

### 806-960MHz, 5dB & 6.5dB Gain

### BASE STATION ANTENNA

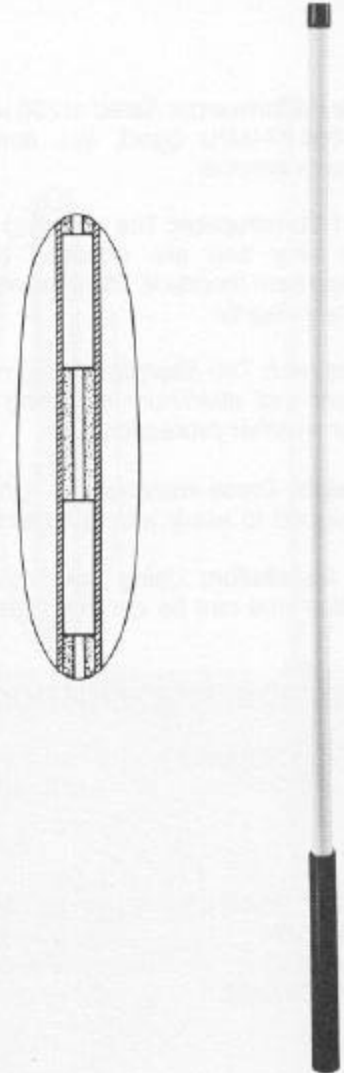
**Reliable Performance:** Rated at 250 watts, you can expect years of continuous service.

**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 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:

##### FREQUENCY:

BS800XL-A	806-866MHz
BS800XL-C	825-896MHz
BS800XL-E	890-960MHz

**GAIN:** XL5 5dBd, XL7 6.5dBd

**VERTICAL BEAMWIDTH:** XL5 20°, XL7 15°

**BANDWIDTH:** 70MHz@ <1.5:1

**POWER RATING:** 250 watts

**IMPEDANCE:** 50 ohms

#### MECHANICAL SPECIFICATIONS:

**ANTENNA LENGTH:** XL5 48", XL7 64"

**WEIGHT:** XL5 6 lbs., XL7 8 lbs.

**RADIATOR:** Internal copper alloy elements

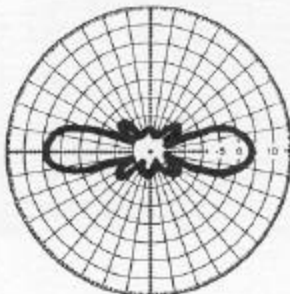
**RADOME:** White UV inhibited fiberglass

**MOUNTING SLEEVE:** Heavy wall epoxy coated aluminum

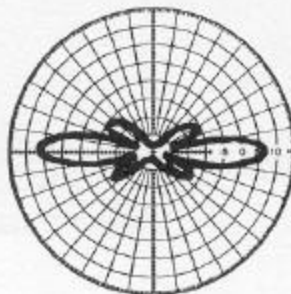
**SLEEVE DIAMETER:** 1.35"

**WIND SURVIVAL:** 100 MPH

Vertical Pattern XL5



Vertical Pattern XL7



VSWR vs. Frequency

