

**Technical Specification**  
**825-896/1850-1990MHz Dual-Band**

**BS18XL8KT**  
**OMNI ANTENNA**

**Universal Performance:** This antenna is optimized for operation in the digital cellular, analog cellular and PCS bands. It is perfect for multi-band phones. This antenna ket needs no ground plane and can be mounted using the included mount kit with stainless steel U bolts. This provides for easy mounting on a standard TV mast or other mast up to 2 ½" diameter. The mount kit also allows for installation with lag type bolts into the side of a building or a wooden post.

**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.

**Elegant and Weatherproof:** The fiberglass radome is ultraviolet inhibited. The mounting sleeve is polyester powder coated for an elegant look and superior weather protection.

**Lightweight:** These antennas weigh approximately 3 lb. and can be installed in a matter of minutes by one person.

**Simple Installation:** The kit comes with 25 feet of microloss 900 low loss coax cable with a choice of MINI-UHF or TNC connector.



**ELECTRICAL SPECIFICATIONS:**

<b>FREQUENCY RANGE:</b>	825-896MHz 1850-1990MHz
<b>GAIN:</b>	3dB
<b>VERT BEAMWIDTH:</b>	75°
<b>VSWR:</b>	<2.0:1
<b>POWER RATING:</b>	250 watts
<b>IMPEDANCE:</b>	50 ohms

**MECHANICAL SPECIFICATIONS:**

<b>RADIATOR:</b>	Copper alloy elements
<b>RADOME:</b>	White UV inhibited fiberglass
<b>MOUNTING:</b>	BSMNT1 Mount kit
<b>COAX FEED LINE:</b>	25' (8m) Micro Loss coax cable
<b>CONNECTOR OPTIONS:</b>	TNC -01 MINI-UHF -04
<b>LENGTH:</b>	17" (43cm)
<b>WEIGHT:</b>	3 lbs ((1.3kg)
<b>FLAT PLATE AREA:</b>	.083 ft <sup>2</sup>
<b>WIND RATING:</b>	125 MPH (201kph)
<b>WIND LOAD:</b>	3.8 lbs. (1.7kg)

**Vertical Pattern**

