

Technical Specification

5.725-5.850 GHz 14dBi Gain 155° Sector

BSAX5800-14-155

BASE STATION ANTENNA

Reliable Performance: Rated at 250 watts and 14dBi gain, you can expect years of continuous service. This antenna provides 155° coverage at full gain.

Rugged Construction: The radiating elements are constructed of copper & copper alloy. They are encased in a radome for total environmental protection. The assembly is designed to withstand winds of over 125 MPH.

Weatherproof: The fiberglass radome is ultraviolet inhibited. The reflector assembly is epoxy powder coated aluminum for superior weather protection.

Installation: All hardware for installation on an existing 2½" diameter mast or tower leg is supplied. The supplied mount kit consists of downtilt adjustable heavy duty aluminum V block and stainless steel V bolts.



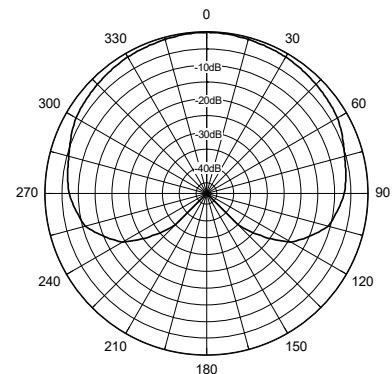
ELECTRICAL SPECIFICATIONS:

FREQUENCY: 5.725 – 5.850 GHz
GAIN: 15dBi
VSWR: <2:1
BANDWIDTH: >100 MHz
FRONT TO BACK: 24 dB
POWER RATING: 250 watts
IMPEDANCE: 50 ohms
VERT BEAMWIDTH: 18°
HORIZ BEAMWIDTH: 155°

MECHANICAL SPECIFICATIONS:

RADIATOR: Internal copper alloy elements
REFLECTOR ASSY: Powder coated Aluminum 15" H x 10" W
RADOME: White UV inhibited fiberglass
TERMINATION: Female N
HEIGHT: 15" (38cm)
WIDTH: 10" (24.5cm)
WEIGHT: 3 lbs. (1.3kg)
FLAT PLATE AREA: .62 ft²
WIND RATING: 125 MPH (201kph)
LATERAL THRUST: 69 lbs. (31kg)
MOUNTING: Stainless V Bolts, Aluminum V Block
 2 ½" Dia. Max. (6.35cm)

Horizontal Pattern



Vertical Pattern

