

406-512 MHz 2.5dB Gain

BASE STATION ANTENNA

Reliable Performance: Rated at 100 watts and 2.5dBd gain, you can expect years of continuous service. This antenna requires no ground plane.

Rugged Construction: The radiating structure is encased in a fiberglass radome to provide structural integrity.

Elegant and Functional: This antenna provides a low visibility high performance antenna at an economical price. The fiberglass radome is ultraviolet inhibited. This antenna is supplied with integrated mounting hardware for easy mounting on a 1 1/2" standard mast. This antenna is not recommended for use where extreme weather conditions exist.

Lightweight: This antenna is very light weight at less than 3 lbs. and is a great performer in indoor data applications.

ELECTRICAL SPECIFICATIONS:

Part No. Frequency

BS450S-A 406-430MHz

BS450S-B 430-450MHz

BS450S-C 450-470MHz

BS450S-D 470-490MHz

BS450S-E 490-512MHz

GAIN: 2.5dBd

VSWR: <2:1

BANDWIDTH: 20 MHz min.

POWER RATING: 100 watts

IMPEDANCE: 50 ohms

VERT BEAMWIDTH: 45 degrees



MECHANICAL SPECIFICATIONS:

RADIATOR: Copper structure

RADOME: White UV inhibited fiberglass

TERMINATION: BS4XXS, TNC female

BS4XXSN, N female

MOUNTING: 1-1/2" standard mast kit supplied

Optional stainless mast kit available

LENGTH: 37"

WEIGHT: <3 lbs.

Vertical Pattern

