

COMTELCO

Technical Specification

BS450S, BS450SN

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

