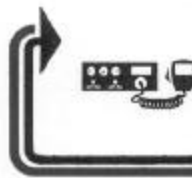


COMTELCO

Technical Specification



**ADVANTAGE
COMMUNICATIONS**

P.O. Box 282
WATERTOWN, MA 02471
1-800-294-RADIO

BS800S, BS800SN

806-960 MHz 4dB Gain

BASE STATION ANTENNA

Reliable Performance: Rated at 100 watts and 4dBd 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 and icing resistance and protection from moisture.

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. The mount is polyester coated for superior weather protection.

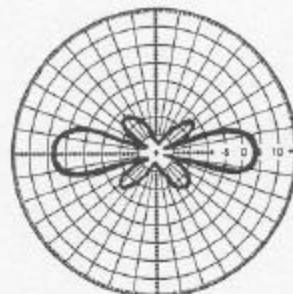
Lightweight: This antenna is very light weight at less than 3 lbs. and is designed to withstand winds in excess of 100 MPH.

SPECIFICATIONS

Part No.	Frequency
BS800S-A	806-866MHz
BS800S-C	825-896MHz
BS800S-E	890-970MHz

GAIN:	4dBd
VSWR:	<2:1
BANDWIDTH:	60 MHz min.
POWER RATING:	100 watts
IMPEDANCE:	50 ohms
VERT BEAMWIDTH:	35 degrees
RADIATOR:	Copper structure
RADOME:	White UV inhibited fiberglass
TERMINATION:	BS800S, TNC female BS800SN, N female
MOUNTING:	1-1/2" standard mast kit supplied Optional stainless mast kit available
LENGTH:	27"
WEIGHT:	<3 lbs.
WIND SURVIVAL	100 MPH +

Vertical Pattern



VSWR vs. Frequency

