

BMAX Base 800/900 MHz Series

The MAXRAD BMAX8155S/9155S is a compliment to our popular line of BMAX Base antennas for the 800 and 900 MHz band. Specially designed for SMR and Cellular systems in rural areas, this antenna provides 4.5 dB gain with a single phasing coil design.

Features:

- ◆ Available in black finish
- ◆ Antenna is ready to install; no rod cutting is required
- ◆ 1-1/8" - 18 mounting threads mate with all MAXRAD 3/4" mounts
- ◆ Molded polymer base with spring loaded contact pin
- ◆ Rod and spring disconnect feature

General Specifications

Gain:

4.5 dB (4 dB on 900 MHz)

Maximum Power:

150 Watts

VSWR at Resonant Point:

<1.5:1

Bandwidth:

Greater than 55 MHz

Nominal Impedance:

50 Ohms

Antenna Type:

Collinear array

Antenna Height:

Approx. 13 inches

Spring:

Black finish

Radiator Material:

.100" dia. stainless steel; black finish

Phasing Coil Housing:

Molded polymer jacket with copper, nickel and chrome plated brass bushings

Base Coil Housing:

Molded polymer with a plated brass insert ring and a spring-loaded, brass contact pin



BMAX8155S

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Model #	Frequency Range	Bandwidth @2:1 VSWR	Gain
BMAX8155S*	806-896 MHz	60 MHz	4.5 dB
BMAX9155S*	890-945 MHz	55 MHz	4.0 dB

*Spring included