

BMAX Base 5dB Collinear Antennas

The MAXRAD BMAX8155S and BMAX9155S operate within the 800/900 MHz frequency bands and are designed for SMR and cellular systems in rural areas. They provide 4.5 dB gain with a single phasing coil design.

Features

- Ready to install; no rod cutting is necessary
- Molded polymer base with spring loaded contact pin
- Rod and spring disconnect feature
- Mates with all 1-1/8"-18 thread mounts, including 3/4" mounts



BMAX8155S

Electrical Specifications

Maximum Power:
150 Watts
VSWR at Resonant Point:
<1.5:1
Nominal Impedance:
50 Ohms
Antenna Type:
Collinear array

Mechanical Specifications

Radiator Material:
.100" diameter stainless steel; black finish
Spring:
Stainless steel; black finish
Phasing Coil Housing:
Molded polymer jacket with copper, nickel and chrome plated brass
Base Coil Housing:
Molded polymer with a plated brass insert ring and a spring-loaded, brass contact pin
Antenna Height:
Approximately 13"

Model #	Frequency Range	Bandwidth @ 2:1 VSWR	Gain
BMAX8155S*	806-896 MHz	90 MHz	4.5dB
BMAX9155S*	890-945 MHz	55 MHz	4.0dB

* Spring included