

VHF Base Loaded Chrome Coil Antenna, No Ground Plane

Designed for installations that lack a suitable ground plane, the MHB5802(S) antenna features a tapered loading coil jacket with chrome plated fittings and an optional heavy-duty stainless steel spring. The base loaded matching network supports the collinear or trilinear rod sections above without the need of a ground plane.

Features

- No ground plane required
- Rugged construction; optional heavy-duty shock spring
- Sleek, sturdy, sealed phasing coil design
- Mates with all 1-1/8"-18 thread mounts, including 3/4" mounts

Antenna Electrical Specifications

Model	Frequency Range	Factory Tuned Frequency	Gain
MHB5802(S)*	144-174 MHz	Field tunable within specified frequency range	Unity no ground plane (2.4 dB with a ground plane)

Mechanical Specifications

Model	Antenna Height at lowest frequency
MHB5802(S)*	Approximately 52"



MHB5802S



Technical Data

Maximum Power: 200 watts
Nominal Impedance: 50 ohms
VSWR at Resonance: < 1.5:1
Radiator Material: .100"-.062" diameter tapered
Optional Spring: Stainless steel
Base Coil Housing: Molded polymer jacket with copper, nickel and chrome plated bushing
Antenna Type: Base loaded 1/2 Wave

*Suffix "S" (Spring) is not a retrofit option, please indicate at time of order.