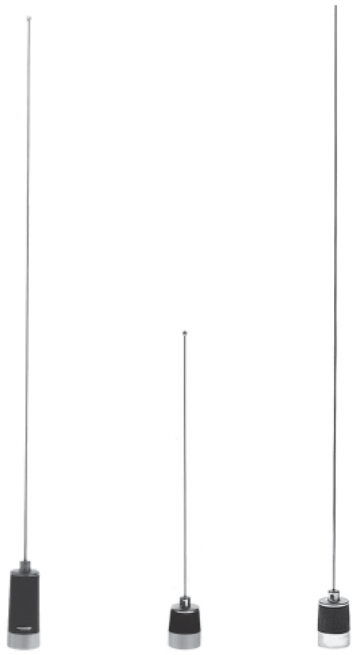

MHBDC5800 MUF4503 MHB5800

Base Loaded Field Tunable 3dB Gain Antennas

These 5/8 Wave antennas utilize a chrome coil design with the enhancement of a heavy duty tapered rod for maximum durability in tough environments.

Features

- The matching coil is supported by a low loss coil for superior performance in heavy shick applications
- The tapered coil housing design enhances appearance and prevents moisture from entering the load
- Mates with all 1-1/8” -18 thread mounts, including 3/4” mounts

Technical Data

Maximum Power: 200 watts
Nominal Impedance: 50 ohms
VSWR at Resonance: < 1.5:1
Radiator Material: .100”-.062” diameter stainless steel
Grounding: DC Grounded (MHBDC model only)
Optional Spring: Stainless steel
Base Coil Housing: Molded polymer jacket with copper, nickel and chrome plated bushing
Antenna Type: Base loaded 5/8 Wave

Antenna Electrical Specifications

Model	Frequency Range	Factory Tuned Frequency	Gain with/without Ground Plane
MHB5800132(S)	132-174 MHz	Field tunable	3 dB
MHBDC5800(S)**	144-174 MHz	Field tunable	3 dB
MHB5800(S)*	144-174 MHz	Field tunable	3 dB
MUF3003(S)	300-325 MHz	Field tunable	3 dB
MUF4063(S)*	406-430 MHz	Field tunable	3 dB
MUF4303(S)*	430-450 MHz	Field tunable	3 dB
MUF4503(S)*	450-470 MHz	Field tunable	3 dB
MUF4703(S)*	470-490 MHz	Field tunable	3 dB
MUF4903(S)*	490-512 MHz	Field tunable	3 dB

Mechanical Specifications

Model	Antenna Height at lowest frequency
MHB5800132(S)	Approximately 58”
MHBDC5800(S)**	Approximately 52”
MHB5800(S)*	Approximately 52”
MUF3003(S)	Approximately 16”
MUF4063(S)*	Approximately 16”
MUF4303(S)*	Approximately 16”
MUF4503(S)*	Approximately 16”
MUF4703(S)*	Approximately 16”
MUF4903(S)*	Approximately 16”

*** Suffix “S” indicates spring and is not a retrofit option, please indicate at time of order.**
**** MHBDC5800(S) has a 5 MHz bandwidth @ 1.5:1 VSWR. This is a DC grounded antenna**