



MHBDC5800

MUF4503

MHB5800



**Technical Data**

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

## 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

### Electrical Specifications

Model	Frequency Range	Factory Tuned Frequency	Gain
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
MUF4503(S)	450-470 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"
MUF4503(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