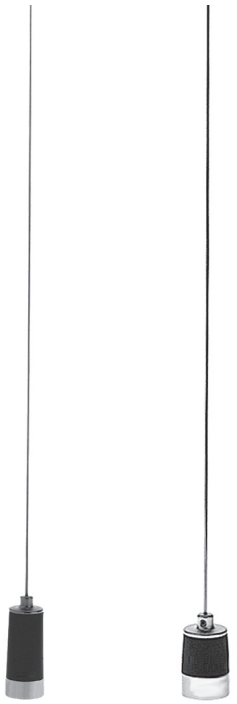
Base Loaded Field Tunable 3dB Gain Antennas

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-duty 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



MHBDC5800 MHB5800

STANDARD CONFIGURATION

Model*	Optional Spring Available*	Recommended Mounts (Sold Separately)
MHB5800132	No	Mates with 1-1/8"-18 thread mounts, including 3/4" mounts
MHBDC5800(S)**	Yes	Mates with 1-1/8"-18 thread mounts, including 3/4" mounts
MHB5800(S)	Yes	Mates with 1-1/8"-18 thread mounts, including 3/4" mounts
MUF4503(S)	Yes	Mates with 1-1/8"-18 thread mounts, including 3/4" mounts

ELECTRICAL SPECIFICATIONS

Model*	Frequency Range	Gain	VSWR	Maximum Power	Nominal Impedance	Antenna Type
MHB5800132	132-174 MHz	3 dB	< 1.5:1	200 watts	50 ohms	Base loaded 5/8 Wave
MHBDC5800(S)**	144-174 MHz	3 dB	< 1.5:1	200 watts	50 ohms	Base loaded 5/8 Wave
MHB5800(S)	144-174 MHz	3 dB	< 1.5:1	200 watts	50 ohms	Base loaded 5/8 Wave
MUF4503(S)	450-470 MHz	3 dB	< 1.5:1	200 watts	50 ohms	Base loaded 5/8 Wave

MECHANICAL SPECIFICATIONS

Model*	Approximate Whip Length at Lowest Frequency	Temperature Range	Radiator	Spring Material	Housing Material
MHB5800132	58"	-40°C to +85°C	17-7 PH SS	N/A	Black UV-Stable Polymer
MHBDC5800(S)**	52"	-40°C to +85°C	17-7 PH SS	SST	Black UV-Stable Polymer
MHB5800(S)	52"	-40°C to +85°C	17-7 PH SS	SST	Black UV-Stable Polymer
MUF4503(S)	16"	-40°C to +85°C	17-7 PH SS	SST	Black UV-Stable Polymer

* To select spring option, add suffix "S" to part number. Example: MUF4503S