

## Lowband Quarter Wave Antennas

The MLB lowband antennas are a popular choice for State Patrol, Land Management and serious CB applications. They provide superior performance for a variety of lowband applications.

### Features

- The matching coil is supported by a low-loss coil form to withstand the heaviest shocks (all models, except MLB6600S)
- Durable, attractive housings designed to deter moisture ingress for long lasting, reliable operation.
- Mates with all 1-1/8"-18 thread mounts, including 3/4" mounts

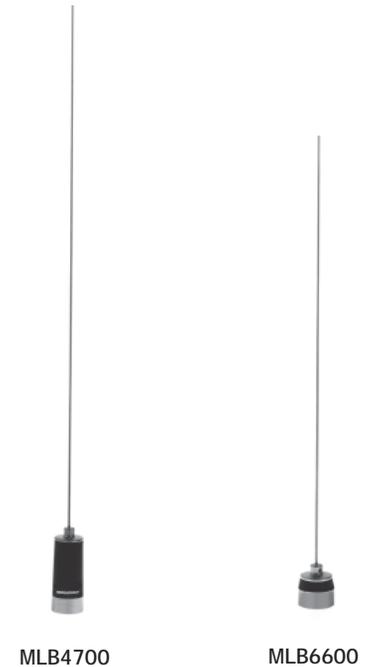
### Antenna Electrical Specifications

Model	Frequency Range	Factory Tuned Frequency	Gain
MLB2700(S)	27-31 MHz	Field Tunable within specified range	Unity
MLBDC2700(S)**	27-31 MHz	Field Tunable within specified range	Unity
MLB3000(S)	30-35 MHz	Field Tunable within specified range	Unity
MLBDC3000(S)**	30-35 MHz	Field Tunable within specified range	Unity
MLBDC3400(S)**	34-37 MHz	Field Tunable within specified range	Unity
MLB3400(S)	34-40 MHz	Field Tunable within specified range	Unity
MLBDC3700(S)**	37-40 MHz	Field Tunable within specified range	Unity
MLB4000(S)	40-47 MHz	Field Tunable within specified range	Unity
MLBDC4000(S)**	40-47 MHz	Field Tunable within specified range	Unity
MLBDC4500(S)**	45-48 MHz	Field Tunable within specified range	Unity
MLBDC4700(S)**	47-50 MHz	Field Tunable within specified range	Unity
MLB4700(S)	47-54 MHz	Field Tunable within specified range	Unity
MLB6600(S)	66-132 MHz	Field Tunable within specified range	Unity

### Mechanical Specifications

Model	Antenna Height at lowest frequency
All models	Approximately 52"

\*Suffix "S" indicates spring  
\*\* This model is DC grounded



### Technical Data

Maximum Power: 200 watts 500 watts (MLBDC models)
Nominal Impedance: 50 ohm
VSWR at Resonance: < 1.5:1
Radiator Material: .100" - .062" diameter tapered stainless steel
Optional Spring: Stainless steel
Loading Coil: Tinned copper wire wound on a low-loss coil form (All models, except MLB6600S)
Base Coil Housing: Molded polymer with copper, nickel and chrome plated bushing
Lightening Protection: DC grounded (MLBDC models only)
Antenna Type: Base loaded tapped 1/4 wave (MLBDC models) Full length 1/4 wave (MLB6600S) Base loaded 1/4 wave (MLB models)