



MLB4700

MLB6600



Technical Data

Maximum Power: 200 watts 500 watts (MLBDC models)
Nominal Impedance: 50 ohms
VSWR: < 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)

For detailed specifications, visit <http://antenna.pctel.com>.

Quarter Wave Antennas

The MLB 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)
- The tapered coil housing enhances appearance and prevents moisture from entering the load (all models, except MLB6600S)
- 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"

The Quik Ship icon indicates that the product is available for immediate delivery from select distributors. Quick shipment not available for spring models.

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