

# TUNABLE 1/4 WAVE 136-512 MHz

Larsen tunable quarter wave antennas are designed to help keep antenna inventory requirements to a minimum by providing one antenna which can be tuned based on the installer's requirement. One antenna can be used from 136 to 960 MHz just by cutting the whip to the appropriate length.

Field tunable quarter wave antennas are offered for the following mounts: LM, NMO, PO, as well as BNC and TNC type connectors.

TUNABLE  
QUARTER WAVE



# TUNABLE 1/4 WAVE 136-512 MHz



Complete 1/4 wave mini magnetic antenna, field tunable, 144 - 965 MHz.

MODEL	FREQUENCY (MHz)
MSTFME	144 - 965
SPECIFICATIONS	
GAIN	2.14 dBi
TYPE	1/4 wave
VSWR (see bandwidth)	1.5:1
BANDWIDTH @ 1.5	5%
BANDWIDTH @ 2.0	10%
POWER RATING	50 Watts
COLOR	Black
CONNECTOR	FME CRIMP
WHIP	.070
COAX	12' RG174
MAX HEIGHT	21"



Field tunable NMO 1/4 wave Stainless nut antenna, 136 - 960 MHz.

MODEL	FREQUENCY (MHz)
NMOQSPEC	136 - 960
SPECIFICATIONS	
GAIN	2.14 dBi
TYPE	1/4 wave
VSWR (see bandwidth)	1.5:1
BANDWIDTH @ 1.5	5%
BANDWIDTH @ 2.0	10%
POWER RATING	200 Watts
COLOR	Stainless
WHIP	W200, .070
COAX	Order separately
MAX HEIGHT	22"



Black field tunable NMO 1/4 wave antenna, 136 - 960 MHz.

MODEL	FREQUENCY (MHz)
NMOQSPECB	136 - 960
SPECIFICATIONS	
GAIN	2.14 dBi
TYPE	1/4 wave
VSWR (see bandwidth)	1.5:1
BANDWIDTH @ 1.5	5%
BANDWIDTH @ 2.0	10%
POWER RATING	200 Watts
COLOR	Black
WHIP	W200B, .070
COAX	Order separately
MAX HEIGHT	22"

# TUNABLE 1/4 WAVE 136-512 MHz

MODEL	FREQUENCY (MHz)
NMOQC	136 - 512

## SPECIFICATIONS

GAIN	2.14 dBi
TYPE	1/4 wave
VSWR (see bandwidth)	1.5:1
BANDWIDTH @ 1.5	5%
BANDWIDTH @ 2.0	10%
POWER RATING	200 Watts
COLOR	Black/Stainless
WHIP	W200, .070
COAX	Order separately
MAX HEIGHT	23"

Field tunable NMO  
1/4 wave antenna, black  
MakroBlend® base and  
Stainless whip,  
136 - 512 MHz.



MODEL	FREQUENCY (MHz)
NMOQB	136 - 512

## SPECIFICATIONS

GAIN	2.14 dBi
TYPE	1/4 wave
VSWR (see bandwidth)	1.5:1
BANDWIDTH @ 1.5	5%
BANDWIDTH @ 2.0	10%
POWER RATING	200 Watts
COLOR	Black
WHIP	W200B, .070
COAX	Order separately
MAX HEIGHT	23"

Field tunable NMO  
1/4 wave antenna, black  
MakroBlend® base and  
black whip,  
136 - 512 MHz.



MODEL	FREQUENCY (MHz)
PQ	136 - 512

## SPECIFICATIONS

GAIN	2.14 dBi
TYPE	1/4 wave
VSWR (see bandwidth)	1.5:1
BANDWIDTH @ 1.5	5%
BANDWIDTH @ 2.0	10%
POWER RATING	200 Watts
COLOR	Stainless
WHIP	W200, .070
COAX	Order separately
MAX HEIGHT	22"

Field tunable 1/4 wave  
whip antenna for use  
with PO/SO-239 type  
mounts, 136 - 512 MHz.



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QUARTER WAVE



NOTE: Antennas are not to scale

1 800 ANTENNA

To convert to Gain (dBd):  
Gain (dBi) - 2.14

# TUNABLE 1/4 WAVE 136-512 MHz



Field tunable stainless “Q” base 1/4 wave antenna for LM or LA style mounts, 136 - 512 MHz.

MODEL	FREQUENCY (MHz)
Q	136 - 512
SPECIFICATIONS	
GAIN	2.14 dBi
TYPE	1/4 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	5%
BANDWIDTH @ 2.0	10%
POWER RATING	200 Watts
COLOR	Stainless
WHIP	W200, .070
COAX	Order separately
MAX HEIGHT	22"



Field tunable black “Q” base 1/4 wave antenna for LM or LA style mounts, 136 - 512 MHz.

MODEL	FREQUENCY (MHz)
QB	136 - 512
SPECIFICATIONS	
GAIN	2.14 dBi
TYPE	1/4 wave
VSWR (see bandwidth)	1.5:1
BANDWIDTH @ 1.5	5%
BANDWIDTH @ 2.0	10%
POWER RATING	200 Watts
COLOR	Black
WHIP	W200B, .070
COAX	Order separately
MAX HEIGHT	22"