

# VHF 220-225 MHz

Appearance. Performance. Dependability. Long-term service. Those are key words describing Larsen 220 MHz mobile antennas. Larsen offers 220 MHz antennas in 1/2 wave and 5/8 wave designs for coverage in the 220 MHz to 225 MHz band.

High-performance Larsen 220 MHz antennas are available in the NMO Premium Motorola-style 3/4" hole mount version.

Count on Larsen 220 MHz antennas to deliver these superior performance advantages:

- Handles a full 200 Watts of power
- VSWR at 1.5:1 or less
- Heavy-duty base coils are air wound for lowest RF loss
- Available with black or stainless whips
- Optional shock spring internally shorted with highly flexible insulated wire to eliminate distortion
- Durable MakroBlend® shells are UV and chemical resistant



# VHF 220-225 MHz



Black NMO coil,  
220 - 225 MHz.

MODEL	FREQUENCY (MHz)
NMO220BCO	220 - 225 MHz

## SPECIFICATIONS

TYPE	5/8 wave coil
POWER RATING	200 Watts
COLOR	Black
WHIP	Order separately / W400
COAX	Order separately
MAX HEIGHT	2 1/2"



Black NMO coil and  
field tunable black whip,  
220 - 225 MHz.

MODEL	FREQUENCY (MHz)
NMO220B	220 - 225 MHz

## SPECIFICATIONS

GAIN	3 dBd / 5.2 dBi
TYPE	5/8 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	3%
BANDWIDTH @ 2.0	6%
POWER RATING	200 Watts
COLOR	Black
WHIP	W400B, .100
COAX	Order separately
MAX HEIGHT	30"



Black NMO coil and  
field tunable stainless  
whip, 220 - 225 MHz.

MODEL	FREQUENCY (MHz)
NMO220C	220 - 225 MHz

## SPECIFICATIONS

GAIN	3 dBd / 5.2 dBi
TYPE	5/8 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	3%
BANDWIDTH @ 2.0	6%
POWER RATING	200 Watts
COLOR	Black/Chrome
WHIP	W400, .100
COAX	Order separately
MAX HEIGHT	30"

# VHF 220-225 MHz

MODEL	FREQUENCY (MHz)
NMO220CK	220 - 225 MHz

## SPECIFICATIONS

GAIN	3 dBd / 5.2 dBi
TYPE	5/8 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	3%
BANDWIDTH @ 2.0	6%
POWER RATING	200 Watts
COLOR	Black/Chrome
CONNECTOR	PL-259
WHIP	W400, .100
COAX	17' RG-58A/U
MAX HEIGHT	30"

Complete NMO field tunable antenna and mounting kit, 220 - 225 MHz. Black coil, stainless whip.



MODEL	FREQUENCY (MHz)
NMO220HWBCO	220 - 225 MHz

## SPECIFICATIONS

TYPE	1/2 wave coil
POWER RATING	200 Watts
COLOR	Black
WHIP	Order separately / W400
COAX	Order separately
MAX HEIGHT	3 1/8"

Black NMO VHF 1/2 wave coil, 220 - 225 MHz.



MODEL	FREQUENCY (MHz)
NMO220CHW	220 - 225 MHz

## SPECIFICATIONS

GAIN	0 dBd / 2 dBi no ground plane 2.5 dBd / 4.5 dBi with ground plane
TYPE	1/2 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	2.5%
BANDWIDTH @ 2.0	5.5%
POWER RATING	200 Watts
COLOR	Black/Chrome
WHIP	W400, .100
COAX	Order separately
MAX HEIGHT	30"

Black NMO coil and 1/2 wave field tunable stainless whip, 220 - 225 MHz.



VHF  
220 - 225 MHz



NOTE: Antennas are not to scale

1 800 ANTENNA

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