

# MULTI BAND VHF/UHF

Larsen offers a variety of mobile antennas for both commercial and amateur dual band applications. Each antenna is specifically designed to provide excellent performance for simultaneous use of VHF and UHF frequencies. One antenna conveniently serves both bands whether using a dual band radio or two separate radios.

Larsen dual band antennas are available in the following styles:

- KG:** Patented low-impedance glass mount antenna
- LM:** Rugged 5/16-24 thread stud mount for 3/4" hole, low profile, easy to install mount
- MM:** Economical, complete magnetic mount antennas, compact design
- NMO:** Premium Motorola-style 3/4" hole mount

Larsen's dual band line offers these superior performance advantages:

- Handles a full 200 Watts of power (KG 100 Watts)
- VSWR at 1.5:1 or less (except KG)
- Heavy-duty base coils are air wound for lowest RF loss
- Tough 17-7 stainless steel whips for maximum radiation efficiency
- Optional shock spring internally shorted with highly flexible insulated wire to eliminate distortion
- Durable MakroBlend® shells are UV and chemical resistant

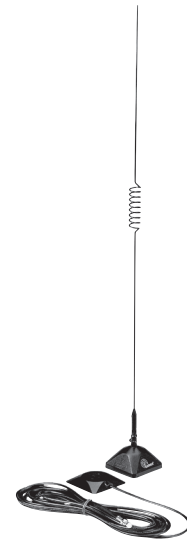
# MULTI BAND VHF/UHF

MODEL	FREQUENCY (MHz)	CONN
KG2/70CXPL	144 - 148 / 442 - 448	PL-259
KG2/70CXFME	144 - 148 / 442 - 448	FME

## SPECIFICATIONS

GAIN	VHF: 0 dBd / 2 dBi UHF: 2 dBd / 4.2 dBi
TYPE	1/2 wave/collinear
VSWR (see bandwidth)	2.5:1 or less
POWER RATING	100 Watts
COLOR	Black
WHIP	WKG2/70, .100 open coil
COAX	14' RG-58A/U
MAX HEIGHT	32 3/4"

Complete Kulglass glass mount factory tuned dual band antenna for 2m/70cm amateur radio frequencies.

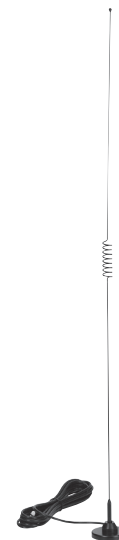


MODEL	FREQUENCY (MHz)	CONN
MM2/70PL	144 - 148 / 442 - 448	PL-259

## SPECIFICATIONS

GAIN	VHF: 0 dBd / 2 dBi UHF: 1.8 dBd / 4 dBi
TYPE	VHF: center loaded 1/4 wave UHF: center loaded 3/4 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	VHF: 1% / UHF: 2%
BANDWIDTH @ 2.0	VHF: 2% / UHF: 4%
POWER RATING	VHF: 200 Watts / UHF: 100 Watts
PULL STRENGTH	54 lbs
WHIP	WMM2/70, .100 open coil
COAX	12' RG-58A/U
MAX HEIGHT	18"

Complete factory tuned 2m/70cm black magnetic mount antenna.



MODEL	FREQUENCY (MHz)
NMO2/70BCO	144 - 148 / 440 - 450

## SPECIFICATIONS

TYPE	Dual band coil
COIL	VHF: 146 MHz / UHF: 445 MHz
POWER RATING	100 Watts
COLOR	Black
WHIP	Order separately
COAX	Order separately
MAX HEIGHT	3"

Dual band coil only for 2m/70cm amateur radio frequencies.



MULTI BAND  
VHF / UHF



# MULTI BAND VHF/UHF



Dual band coil and factory tuned black whip for 2m/70cm amateur radio frequencies.

MODEL	FREQUENCY (MHz)
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NMO2/70B	144 - 148 / 440 - 450
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SPECIFICATIONS	
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GAIN	VHF: 1.6 dBd / 3.8 dBi UHF: 3.5 dBd / 5.2 dBi
TYPE	VHF: center loaded 1/2 wave UHF: collinear
VSWR (see bandwidth)	2.0:1 or less
BANDWIDTH @ 1.5	VHF: 2% / UHF: 3%
BANDWIDTH @ 2.0	VHF: 4% / UHF: 6%
COIL	VHF: 146 / UHF: 445 MHz
POWER RATING	100 Watts
WHIP	W2/70B, .100 enc. coil
COAX	Order separately
MAX HEIGHT	34 3/4"



Complete factory tuned dual band antenna and mounting kit for 2m/70cm amateur radio frequencies. Black coil and whip.

MODEL	FREQUENCY (MHz)	CONN
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NMO2/70BK	144 - 148 / 440 - 450	PL-259
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SPECIFICATIONS	
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GAIN	VHF: 1.6 dBd / 3.8 dBi UHF: 3.5 dBd / 5.2 dBi
TYPE	VHF: center loaded 1/2 wave UHF: collinear
VSWR (see bandwidth)	2.0:1 or less
BANDWIDTH @ 1.5	VHF: 2% / UHF: 3%
BANDWIDTH @ 2.0	VHF: 4% / UHF: 6%
COIL	VHF: 146 MHz / UHF: 445 MHz
POWER RATING	VHF: 100 Watts / UHF: 100 Watts
WHIP	W2/70 B, .100 enclosed coil
COAX	17' RG-58A/U
MAX HEIGHT	34 3/4"



Factory tuned NMO 2m/70cm "short" antenna with chrome spring and whip.

MODEL	FREQUENCY (MHz)
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NMO2/70SH	144 - 148 / 440 - 450
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SPECIFICATIONS	
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GAIN	VHF: 0 dBd / 2 dBi UHF: 1.8 dBd / 4 dBi
TYPE	VHF: center loaded 1/4 wave UHF: center loaded 3/4 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	VHF: 10% / UHF: 10%
BANDWIDTH @ 2.0	VHF: 15% / UHF: 17%
COIL	VHF: 146 MHz / UHF: 445 MHz
POWER RATING	200 Watts
COLOR	Black/Chrome
WHIP	WNMO2/70SH, .100 enclosed coil
COAX	Order separately
MAX HEIGHT	19"

# MULTI BAND VHF/UHF

MODEL	FREQUENCY (MHz)
NMO150/450C	150 - 154 / 450 - 460

## SPECIFICATIONS

GAIN	VHF: 1.6 dBd / 3.8 dBi UHF: 3.5 dBd / 5.2 dBi
TYPE	VHF: center loaded 1/2 wave UHF: collinear
VSWR (see bandwidth)	2.0:1 or less
BANDWIDTH @ 1.5	VHF: 2% / UHF: 3%
BANDWIDTH @ 2.0	VHF: 4% / UHF: 6%
COIL	VHF: 150 MHz / UHF:450 MHz
POWER RATING	100 Watts
COLOR	Black/Chrome
WHIP	W150/450, .100 enclosed coil
COAX	Order separately
MAX HEIGHT	37 1/4"

Commercial dual band coil and factory tuned chrome whip for 150 - 154 / 450 - 460 MHz radio frequencies.



MODEL	FREQUENCY (MHz)
NMO150/450/800	150-165 / 450-470 / 806-940

## SPECIFICATIONS

GAIN	2.14 dBi ± 1 dBi
TYPE	Tri-Band
VSWR	2.0:1
BANDWIDTH	10% / 4% / 15%
POWER RATING	100 Watts
COLOR	Black
WHIP	15.5"
COAX	Order separately
MAX HEIGHT	16.5"
MOUNTING	NMO Mount

NMO tri-band with MakroBlend® base and black whip.



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