

VHF 136-174 MHz

Appearance. Performance.
Dependability. Long-term service.

These are words customers use to describe Radiall/Larsen's VHF mobile antennas. Our exclusive Kulrod® plating system assures maximum radiation efficiency without the loss of power through rod heating.

Radiall/Larsen offers VHF antennas in 1/4 wave, 1/2 wave and 5/8 wave designs available in the following styles:

- KG:** Patented low-impedance design in a glass mount antenna
- LA:** 'Dome' style 3/8" snap in mount
- LM:** Durable 5/16"-24 thread stud mount for 3/4" hole, low profile, easy to install mount
- MHW:** Half-wave, no ground plane antenna for SO239 type mounts (144-174 MHz only)
- MM/MS:** Economical, complete magnetic mount antenna, compact design
- NMO:** Premium Motorola-style 3/4" hole mount
- OM:** Self-mounting, no ground plane antenna
- PHW:** Half-wave design antenna with flexible radiating element. Mounts on a SO239 connection (144-174 MHz only)
- PO:** DC grounded, SO239/UHF mount type antenna

Count on Radiall/Larsen VHF antennas to deliver these superior performance advantages:

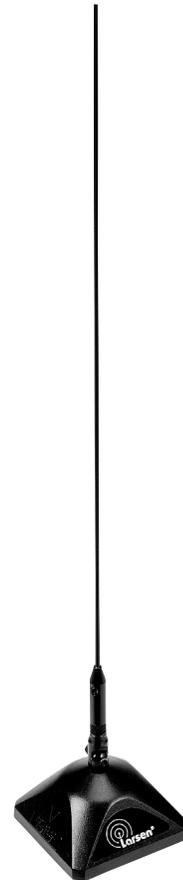
- Handle a full 200 Watts of power (except KG,MS)
- VSWR at 1.5:1 or less
- Heavy-duty base coils are air wound for lowest RF loss
- Tough 17-7 stainless steel Kulrod® plated whips for maximum radiation efficiency.
- Available in black, chrome, or unplated
- Optional shock spring internally shorted with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



Complete Kulglass glass mount field tunable antenna for 144-160 MHz.

MODEL	FREQUENCY	CONNECTOR
KG144UD	144 - 160 MHz	No Conn
KG144UDPL	144 - 160 MHz	PL 259

SPECIFICATIONS	
GAIN	0 dBd / 2 dBi
TYPE	1/2 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	1.7%
BANDWIDTH @ 2.0	3.5%
POWER RATING	100 Watts
COLOR	Black
COAX	14' RG58/U Dual Shield
MAX HEIGHT	48"



Outside coupler and field tunable whip only for KG144 glass mount antenna.

MODEL	FREQUENCY
KG1440/S	144 - 160 MHz

SPECIFICATIONS	
GAIN	0 dBd / 2 dBi
TYPE	1/2 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	1.7%
BANDWIDTH @ 2.0	3.5%
POWER RATING	100 Watts
COLOR	Black
WHIP	W KG 144, .100 tapered
COAX	Order separately/KGVHFUDI/S
MAX HEIGHT	48"

VHF
136 - 174 MHz



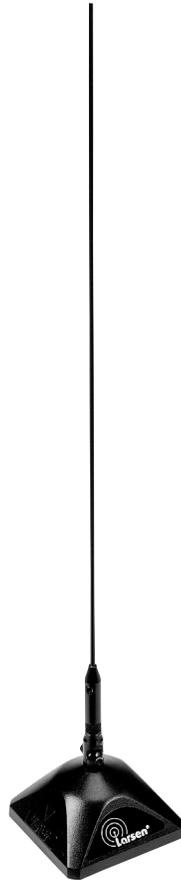
VHF 136-174 MHz



Complete Kulglass glass mount field tunable antenna for 160-174 MHz.

MODEL	FREQUENCY	CONNECTOR
KG160UD	160 - 174 MHz	No Conn
KG160UDPL	160 - 174 MHz	PL 259

SPECIFICATIONS	
GAIN	0 dBd / 2 dBi
TYPE	1/2 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	1.7%
BANDWIDTH @ 2.0	3.5%
POWER RATING	100 Watts
COLOR	Black
WHIP	W KG 160, .100 tapered
COAX	14' RG58/U Dual Shield
MAX HEIGHT	47"



Outside coupler and field tunable whip only for KG144 glass mount antenna.

MODEL	FREQUENCY
KG1600/S	160 - 174 MHz

SPECIFICATIONS	
GAIN	0 dBd / 2 dBi
TYPE	1/2 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	1.7%
BANDWIDTH @ 2.0	3.5%
POWER RATING	100 Watts
COLOR	Black
WHIP	W KG 160, .100 tapered
COAX	Order separately/KGVHFUDI/S
MAX HEIGHT	47"



VHF Cellular look alike glass mount factory tuned antenna.

MODEL	FREQUENCY
KGFFREQUDPL	130 - 140 MHz (Customer Specify) 144 - 150 MHz (Customer Specify) 150 - 160 MHz (Customer Specify) 160 - 170 MHz (Customer Specify)

SPECIFICATIONS	
GAIN	0 dBd / 2.1 dBi
TYPE	VHF Disguise
VSWR	1.5:1 or less
BANDWIDTH@1.5	2%
BANDWIDTH@2.0	4%
POWER RATING	100 Watts
COLOR	Black
WHIP	W KGF FREQ
CONNECTOR	PL 259
COAX	14' RG58/U Dual Shield
MAX HEIGHT	20"

VHF 136-174 MHz



Inside coupler and 14' UD coax for KG glass mount antennas, 144-174 MHz.

MODEL	FREQUENCY
KGVHFUDI/S	144 - 174 MHz

SPECIFICATIONS	
POWER RATING	100 Watts
COLOR	Black
CONNECTOR	Order separately
COAX	14' RG58/U Dual Shield



Black coil only for LA "ball" mounts, 144-174 MHz.

MODEL	FREQUENCY
LA150BCO	144 - 174 MHz

SPECIFICATIONS	
TYPE	5/8 wave coil
POWER RATING	200 Watts
COLOR	Black
WHIP	Order separately / W490
COAX	Order separately
MAX HEIGHT	2 1/2"



Black coil and field tunable black Kulrod® whip for LA "ball" mounts, 144-174 MHz.

MODEL	FREQUENCY
LA150B	144 - 174 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	W490B, .100 tapered
COAX	Order separately
MAX HEIGHT	51 1/2"

VHF
136 - 174 MHz



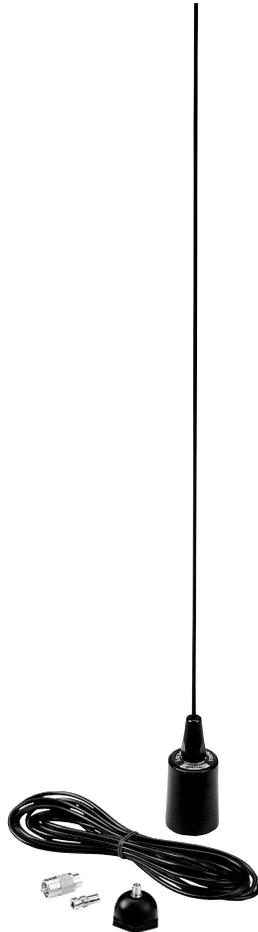
VHF 136-174 MHz



Black coil and field tunable chrome Kulrod® whip for LA “ball” mounts, 144-174 MHz.

MODEL	FREQUENCY
LA150C	144 - 174 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	W490, .100 tapered
COAX	Order separately
MAX HEIGHT	51 1/2"



Complete LA “ball” mount field tunable antenna and mounting kit, 144-174 MHz. Black coil and whip.

MODEL	FREQUENCY
LA150BK	144 - 174 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
CONNECTOR	PL-259
WHIP	W490B, .100 tapered
COAX	17' RG-58A/U
MAX HEIGHT	52 1/2"



Complete LA “ball” mount field tunable antenna and mounting kit, 144-174 MHz. Black coil, chrome whip.

MODEL	FREQUENCY
LA150CK	144 - 174 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	W490, .100 tapered
COAX	17' RG-58A/U
MAX HEIGHT	52 1/2"

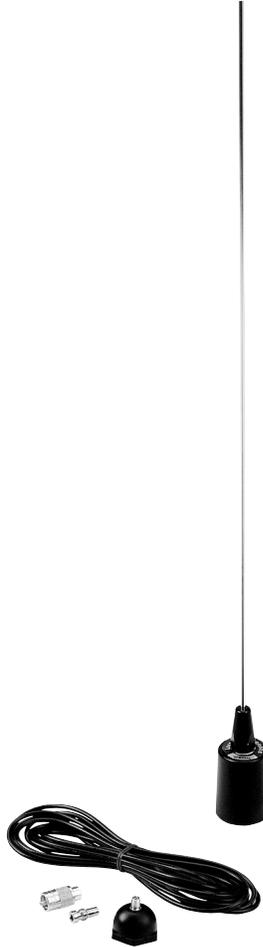
VHF 136-174 MHz



Black coil and field tunable unplated stainless whip for LA "ball" mounts, 144-174 MHz.

MODEL	FREQUENCY
LA150U	144 - 174 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	W 490 U, .100 tapered, unplated
COAX	Order separately
MAX HEIGHT	51 1/2"



Complete LA "ball" mount field tunable antenna and mounting kit, 144-174 MHz. Black coil, unplated stainless whip.

MODEL	FREQUENCY
LA150UK	144 - 174 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	W 490 U, .100 tapered, unplated
COAX	17" RG-58A/U
MAX HEIGHT	52 1/2"



Factory tuned wide band 1/4 wave VHF antenna for LA mounts, 150-170 MHz.

MODEL	FREQUENCY
LAWBQ	150 - 170 MHz

SPECIFICATIONS	
GAIN	0 dBd / 2 dBi
TYPE	Wideband 1/4 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	8%
BANDWIDTH @ 2.0	16%
POWER RATING	200 Watts
COLOR	Chrome
WHIP	W LM WBQ, .125 with spring
COAX	Order separately
MAX HEIGHT	15 1/2"

VHF
136 - 174 MHz



VHF 136-174 MHz



Black wide band factory tuned 1/4 wave VHF antenna for LA mounts, 150-170 MHz.

MODEL	FREQUENCY
LAWBQB	150 - 170 MHz

SPECIFICATIONS

GAIN	0 dBd / 2 dBi
TYPE	Wideband 1/4 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	8%
BANDWIDTH @ 2.0	16%
POWER RATING	200 Watts
COLOR	Black
WHIP	WLMWBQB, .125 with spring
COAX	Order separately
MAX HEIGHT	15 1/2"

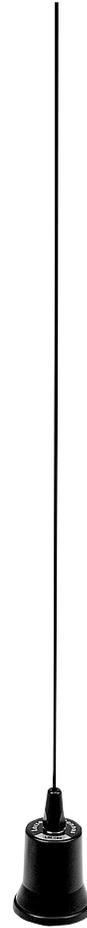


Black coil for LM mounts, 144-174 MHz.

MODEL	FREQUENCY
LM150BCO	144 - 174 MHz

SPECIFICATIONS

TYPE	5/8 wave coil
POWER RATING	200 Watts
COLOR	Black/Chrome
WHIP	Order Separately / W490
COAX	Order separately
MAX HEIGHT	51 3/4



Black coil and field tunable black Kulrod® whip for LM mounts, 144-174 MHz.

MODEL	FREQUENCY
LM150B	144 - 174 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	W490B, .100 tapered
COAX	Order separately
MAX HEIGHT	51 3/4"

VHF 136-174 MHz



Black coil and field tunable chrome Kulrod® whip for LM mounts, 144-174 MHz.

MODEL	FREQUENCY
LM150C	144 - 174 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	W490, .100 tapered
COAX	Order separately
MAX HEIGHT	51 3/4"



Black coil and field tunable unplated stainless whip for LM mounts, 144-174 MHz.

MODEL	FREQUENCY
LM150U	144 - 174 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	W490U, .100 tapered
COAX	Order separately
MAX HEIGHT	51 3/4"



Complete field tunable antenna and LM mounting kit, 144-174 MHz. Black coil and whip.

MODEL	FREQUENCY
LM150BK	144 - 174 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
CONNECTOR	PL259
WHIP	W490B, .100 tapered
COAX	17' RG-58A/U
MAX HEIGHT	51 3/4"

VHF
136 - 174 MHz



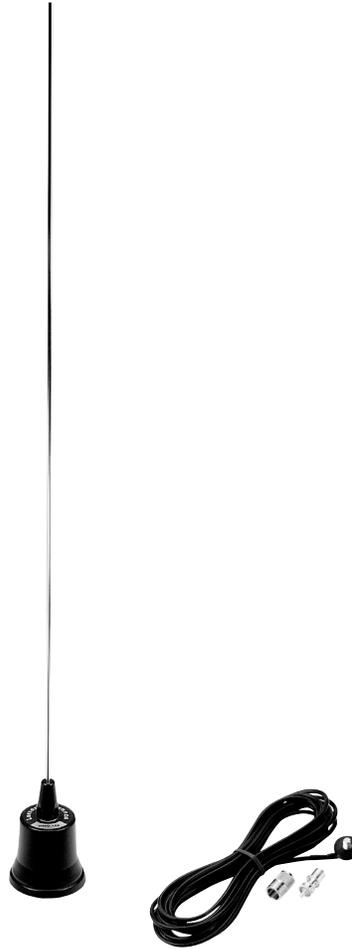
VHF 136-174 MHz



Complete field tunable antenna and LM mounting kit, 144-174 MHz. Black coil, chrome whip.

MODEL	FREQUENCY
LM150CK	144 - 174 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	PL259
WHIP	W490, .100 tapered
COAX	17' RG-58A/U
MAX HEIGHT	51 3/4"



Complete field tunable antenna and mounting kit, 144-174 MHz. Black coil, unplated stainless whip.

MODEL	FREQUENCY
LM150UK	144 - 174 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	PL259
WHIP	W490U, .100 tapered
COAX	17' RG-58A/U
MAX HEIGHT	51 3/4"



Factory tuned wide band 1/4 wave VHF antenna for LM mounts, 150-170 MHz.

MODEL	FREQUENCY
LMWBQ	150 - 170 MHz

SPECIFICATIONS	
GAIN	0 dBd / 2 dBi
TYPE	Wideband 1/4 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	8%
BANDWIDTH @ 2.0	16%
POWER RATING	200 Watts
COLOR	Chrome
WHIP	WLMWBQ, .125 with spring
COAX	Order separately
MAX HEIGHT	18 1/2"

VHF 136-174 MHz



Factory tuned black wide band 1/4 wave VHF antenna for LM mounts, 150-170 MHz.

MODEL	FREQUENCY
LMWBQB	150 - 170 MHz

SPECIFICATIONS	
GAIN	0 dBd / 2 dBi
TYPE	Wideband 1/4 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	8%
BANDWIDTH @ 2.0	16%
POWER RATING	200 Watts
COLOR	Black
WHIP	WLMWBQB, .125 with spring
COAX	Order separately
MAX HEIGHT	18 1/2"



Complete black wide band factory tuned 1/4 wave VHF antenna and LM mounting kit, 150-170 MHz.

MODEL	FREQUENCY
LMWBQBK	150 - 170 MHz

SPECIFICATIONS	
GAIN	0 dBd / 2 dBi
TYPE	Wideband 1/4 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	8%
BANDWIDTH @ 2.0	16%
POWER RATING	200 Watts
COLOR	Black
CONNECTOR	PL-259
WHIP	WLMWBQB, .125 with spring
COAX	17' RG-58A/U
MAX HEIGHT	18 1/2"



Complete wide band factory tuned 1/4 wave VHF antenna and LM mounting kit, 150-170 MHz.

MODEL	FREQUENCY
LMWBQK	150 - 170 MHz

SPECIFICATIONS	
GAIN	0 dBd / 2 dBi
TYPE	Wideband 1/4 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	8%
BANDWIDTH @ 2.0	16%
POWER RATING	200 Watts
COLOR	Chrome
CONNECTOR	PL-259
WHIP	WLMWBQB, .125 with spring
COAX	17' RG-58A/U
MAX HEIGHT	18 1/2"

VHF
136 - 174 MHz



VHF 136-174 MHz



NMO mounted low profile antenna, frequencies from 150-174 MHz. Also available in white. (*For white add "W" at end of part number.

MODEL	FREQUENCY
LP152NMO (W)	151.02 - 152.98 MHz
LP154NMO (W)	152.96 - 155.04 MHz
LP156NMO (W)	154.42 - 156.58 MHz
LP158NMO (W)	156.38 - 158.62 MHz
LP160NMO (W)	158.33 - 160.67 MHz
LP162NMO (W)	160.29 - 162.71 MHz
LP164NMO (W)	162.75 - 165.25 MHz
LP167NMO (W)	165.21 - 167.79 MHz
LP169NMO (W)	167.68 - 170.32 MHz
LP171NMO (W)	170.16 - 172.84 MHz
LP174NMO (W)	172.14 - 174.86 MHz

SPECIFICATIONS

GAIN	0dBd/2dBi
TYPE	Low profile
VSWR (see bandwidth)	2.0:1 or less
BANDWIDTH @ 2.0	1-2%
POWER RATING	60 Watts
GROUND PLANE	4" Diameter Minimum
COLOR	Black or White
COAX	Order Separately
MAX HEIGHT	3 3/4"
DIAMETER	4 1/2"



Black 1/2 wave coil only for use with PO/SO-239 type mounts, 144-174 MHz.

MODEL	FREQUENCY
MHW150BCO	144 - 174 MHz

SPECIFICATIONS

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



Black 1/2 wave coil and field tunable chrome Kulrod® whip for use with PO/SO-239 type mounts, 144-174 MHz.

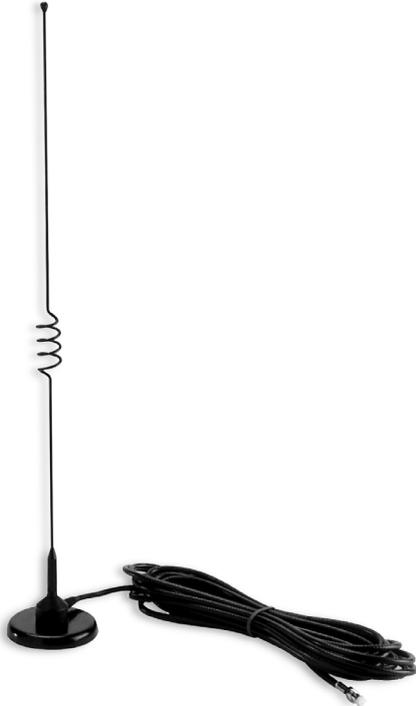
MODEL	FREQUENCY
MHW150C	144 - 174 MHz

SPECIFICATIONS

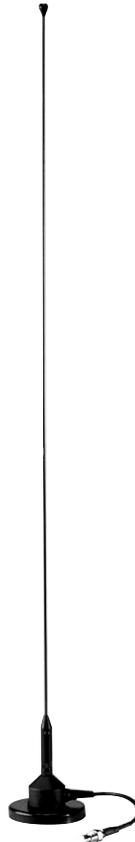
GAIN	0 dBd / 2 dBi no ground plane / 2.5 dBd / 4.5 dBi with ground plane
TYPE	1/2 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	3%
BANDWIDTH @ 2.0	6.5%
POWER RATING	200 Watts
COLOR	Black/Chrome
WHIP	W490, .100 tapered
COAX	Order separately
MAX HEIGHT	51 1/2"

VHF 136-174 MHz

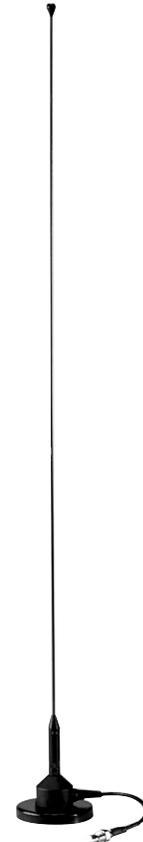
VHF
136 - 174 MHz



Factory tuned VHF cellular look alike disguise antenna, frequencies from 150-175 MHz.



Factory tuned complete 2m 1/4 wave "mini-mag" antenna, 144-148 MHz



Factory tuned complete VHF 1/4 wave mini mag antenna, 150-160 MHz.

MODEL	FREQUENCY
MMU150DSD	150 - 155 MHz
MMU155DSD	155 - 160 MHz
MMU160DSD	160 - 165 MHz
MMU165DSD	165 - 170 MHz
MMU170DSD	170 - 175 MHz

SPECIFICATIONS	
GAIN	0 dBd / 2 dBi
TYPE	Loaded 1/4 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	3%
BANDWIDTH @ 2.0	5%
POWER RATING	200 Watts
COLOR	Black
PULL STRENGTH	54 lbs
CONNECTOR	Order separately
COAX	12' RG-58A/U
MAX HEIGHT	18"

MODEL	FREQUENCY	CONNECTOR
MSU144FME	144 - 148 MHz	FME
MSU144BNC	144 - 148 MHz	BNC

SPECIFICATIONS	
GAIN	0 dBd / 2 dBi
TYPE	1/4 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	5%
BANDWIDTH @ 2.0	10%
POWER RATING	50 Watts
COLOR	Black
WHIP	WMS144, .070
COAX	12' RG174
MAX HEIGHT	21"

MODEL	FREQUENCY	CONNECTOR
MSU150FME	150 - 160 MHz	FME
MSU150BNC	150 - 160 MHz	BNC
MSU150FP	150 - 160 MHz	FME/PL-259
MSU150MPL	150 - 160 MHz	MPL
MSU150SMA	150 - 160 MHz	SMA MALE

SPECIFICATIONS	
GAIN	0 dBd / 2 dBi
TYPE	1/4 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	5%
BANDWIDTH @ 2.0	10%
POWER RATING	50 Watts
COLOR	Black
WHIP	WMS150, .070
COAX	12' RG174
MAX HEIGHT	20"

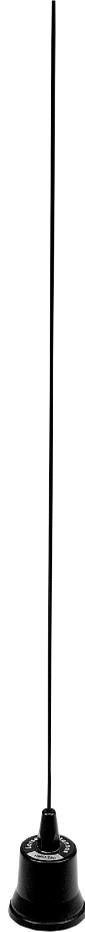
VHF 136-174 MHz



Black NMO VHF coil only,
144-174 MHz.

MODEL	FREQUENCY
NM0150BCO	144 - 174 MHz

SPECIFICATIONS	
TYPE	5/8 wave coil
POWER RATING	200 Watts
COLOR	Black
WHIP	Order separately / W490
COAX	Order separately
MAX HEIGHT	2 1/2"



Black NMO VHF coil and field
tunable black Kulrod® whip,
144-174 MHz.

MODEL	FREQUENCY
NM0150B	144 - 174 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	W490B, .100 tapered
COAX	Order separately
MAX HEIGHT	51 1/2"



Black NMO VHF coil and field
tunable chrome Kulrod® whip,
144-174 MHz.

MODEL	FREQUENCY
NM0150C	144 - 174 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	W490, .100 tapered
COAX	Order separately
MAX HEIGHT	51 1/2"

VHF 136-174 MHz



Black NMO VHF coil and field tunable unplated stainless whip, 144-174 MHz.

MODEL	FREQUENCY
NM0150U	144 - 174 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	W490 U, .100 tapered, unplated
COAX	Order separately
MAX HEIGHT	51 1/2"



Complete NMO VHF field tunable antenna and mounting kit, 144-174 MHz. Black coil and whip.

MODEL	FREQUENCY	CONNECTOR
NM0150BK	144 - 174 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
CONNECTOR	PL-259
WHIP	W490 B, .100 tapered
COAX	17' RG-58A/U
MAX HEIGHT	51 1/2"



Complete NMO VHF field tunable antenna and mounting kit, 144-174 MHz. Black coil, chrome whip.

MODEL	FREQUENCY	CONNECTOR
NM0150CK	144 - 174 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	W490, .100 tapered
COAX	17' RG-58A/U
MAX HEIGHT	51 1/2"



VHF 136-174 MHz

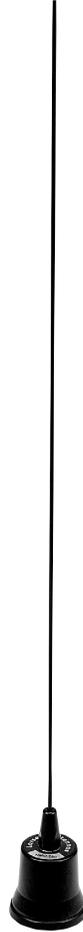


Black NMO VHF 1/2 wave coil,
144-174 MHz.

MODEL	FREQUENCY	CONNECTOR
NM0150HWBCO	144 - 174 MHz	

SPECIFICATIONS

TYPE	1/2 wave coil
POWER RATING	200 Watts
COLOR	Black
WHIP	Order separately/W490
COAX	Order separately
MAX HEIGHT	2 1/2"



Black NMO VHF field tunable
1/2 wave coil and black Kulrod®
whip, 144-174 MHz.

MODEL	FREQUENCY
NM0150BHW	144 - 174 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	3%
BANDWIDTH @ 2.0	6.5%
POWER RATING	200 Watts
COLOR	Black
WHIP	W490B, .100 tapered
COAX	Order separately
MAX HEIGHT	51 1/2"



Black NMO VHF field tunable 1/2
wave coil and chrome Kulrod®
whip, 144-174 MHz.

MODEL	FREQUENCY
NM0150CHW	144 - 174 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	3%
BANDWIDTH @ 2.0	6.5%
POWER RATING	200 Watts
COLOR	Black/Chrome
WHIP	W490, .100 tapered
COAX	Order separately
MAX HEIGHT	51 1/2"

VHF 136-174 MHz



Economy factory tuned NMO 1/4 wave chrome nut antenna, frequencies 136-174 MHz.

MODEL	FREQUENCY
NMOQW144	144 - 152 MHz
NMOQW152	152 - 162 MHz

SPECIFICATIONS	
GAIN	0 dBd / 2 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	Chrome
COAX	Order separately
MAX HEIGHT	21



Factory tuned VHF cellular look alike disguise antenna, frequencies from 150-175 MHz.

MODEL	FREQUENCY
NMOU150D	150 - 165 MHz
NMOU155D	155 - 170 MHz

SPECIFICATIONS	
GAIN	0 dBd / 2 dBi
TYPE	Loaded 1/4 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	3%
BANDWIDTH @ 2.0	5%
POWER RATING	200 Watts
COLOR	Black
COAX	Order separately
MAX HEIGHT	18"



Black NMO VHF wide band coil only, for 135-174 MHz.

MODEL	FREQUENCY
NMOWB150BCO	135 - 174 MHz

SPECIFICATIONS	
TYPE	Wideband, 1/2 wave coil
POWER RATING	100 Watts
COLOR	Black
WHIP	Order separately / W490.125
COAX	Order separately
MAX HEIGHT	2 3/4"



VHF 136-174 MHz



Black NMO VHF wide band coil and field tunable black Kulrod® whip, 144-174 MHz



Black NMO VHF wide band coil and field tunable chrome Kulrod® whip, 135-174 MHz



Complete NMO VHF field tunable wide band antenna and mounting kit. Black coil and whip.

MODEL	FREQUENCY
NMOWB150B	135 - 174 MHz

SPECIFICATIONS

GAIN	0 dBd / 2.1dBi no ground plane 2.5 dBd / 4.6 dBi with ground plane
TYPE	Wideband 1/2 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	15% w/ or w/o ground plane
BANDWIDTH @ 2.0	23% w/ or w/o ground plane
POWER RATING	100 Watts
COLOR	Black
WHIP	W490.125 B, .125 tapered
COAX	Order separately
MAX HEIGHT	51 3/4"

MODEL	FREQUENCY
NMOWB150C	135 - 174 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	12% no ground plane
BANDWIDTH @ 2.0	20% no ground plane
POWER RATING	100 Watts
COLOR	Black/Chrome
WHIP	W490.125, .125 tapered
COAX	Order separately
MAX HEIGHT	51 3/4"

MODEL	FREQUENCY
NMOWB150BK	135 - 174 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	12% no ground plane
BANDWIDTH @ 2.0	20% no ground plane
POWER RATING	100 Watts
COLOR	Black
CONNECTOR	PL-259
WHIP	W490.125 B, .125 tapered
COAX	17' RG-58A/U
MAX HEIGHT	51 3/4"

VHF 136-174 MHz



Black NMO VHF wide band coil and field tunable unplated stainless whip, 135-174 MHz

MODEL	FREQUENCY
NMOWB150U	135 - 174 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	12% no ground plane
BANDWIDTH @ 2.0	20% no ground plane
POWER RATING	100 Watts
COLOR	Black/Chrome
WHIP	W490U.125, .125 tapered, unplated
COAX	Order separately
MAX HEIGHT	51 3/4"



Complete NMO VHF field tunable wide band antenna and mounting kit. Black coil, chrome whip.

MODEL	FREQUENCY
NMOWB150CK	135 - 174 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	12% no ground plane
BANDWIDTH @ 2.0	20% no ground plane
POWER RATING	100 Watts
COLOR	Black/Chrome
CONNECTOR	PL-259
WHIP	W 90.125, .125 tapered
COAX	17' RG-58A/U
MAX HEIGHT	51 3/4"



Complete NMO VHF field tunable wide band antenna and mounting kit. Black coil, unplated stainless whip.

MODEL	FREQUENCY
NMOWB150UK	135 - 174 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	12% no ground plane
BANDWIDTH @ 2.0	20% no ground plane
POWER RATING	100 Watts
COLOR	Black/Chrome
CONNECTOR	PL-259
WHIP	W490U.125, .125 tapered, unplated
COAX	17' RG-58A/U
MAX HEIGHT	51 3/4"



VHF 136-174 MHz



Black NMO VHF factory tuned wide band 1/4 wave antenna, 150-170 MHz.



NMO VHF wide band factory tuned 1/4 wave antenna, 150-170 MHz.



Complete NMO VHF wide band factory tuned 1/4 wave antenna and mounting kit, 150-170 MHz.

MODEL	FREQUENCY
NMOWBQB	150 - 170 MHz

SPECIFICATIONS	
GAIN	0 dBd / 2 dBi
TYPE	Wideband 1/4 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	8%
BANDWIDTH @ 2.0	16%
POWER RATING	200 Watts
COLOR	Black/Chrome
WHIP	WNMOWBQB, .125 with spring
COAX	Order separately
MAX HEIGHT	20"

MODEL	FREQUENCY	CONNECTOR
NMOWBQC	150 - 170 MHz	

SPECIFICATIONS	
GAIN	0 dBd / 2 dBi
TYPE	Wideband 1/4 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	8%
BANDWIDTH @ 2.0	16%
POWER RATING	200 Watts
COLOR	Black/Chrome
WHIP	WNMOWBQ, .125 with spring
COAX	Order separately
MAX HEIGHT	20"

MODEL	FREQUENCY
NMOWBCK	150 - 170 MHz

SPECIFICATIONS	
GAIN	0 dBd / 2 dBi
TYPE	Wideband 1/4 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	8%
BANDWIDTH @ 2.0	16%
POWER RATING	200 Watts
COLOR	Black/Chrome
CONNECTOR	PL-259
WHIP	WNMOWBQ, .125 with spring
COAX	17' RG-58A/U
MAX HEIGHT	20"

VHF 136-174 MHz

VHF
136 - 174 MHz

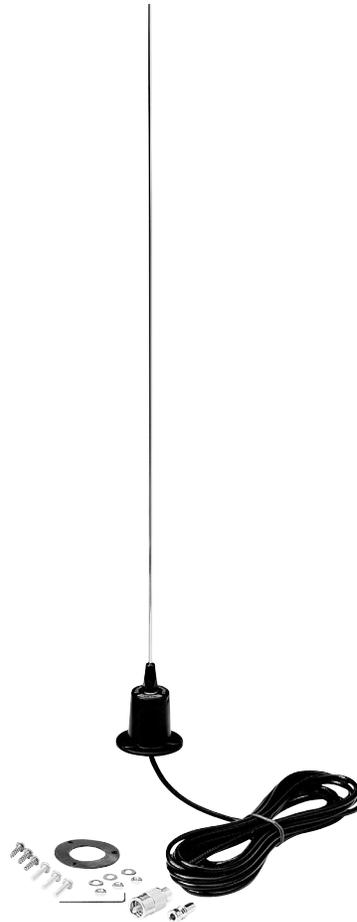


Self mounting no ground plane coil with internally attached cable, 144-174 MHz. Ideal for fiberglass or other non-metal installations.

MODEL	FREQUENCY
OM150BCO	144 - 174 MHz

SPECIFICATIONS

TYPE	1/2 wave coil
POWER RATING	200 Watts
COLOR	Black
CONNECTOR	PL-259
WHIP	Order separately
COAX	17' RG-58A/U
MAX HEIGHT	3"



Complete self mounting no ground plane antenna with internally attached cable, 144-174 MHz. Black coil, field tunable chrome whip.

MODEL	FREQUENCY
OM150CK	144 - 174 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
CONNECTOR	PL-259
WHIP	W490, .100 tapered
COAX	17' RG-58A/U
MAX HEIGHT	51 3/4"



Black "portable" 1/2 wave coil with SO-239 feed connection.

MODEL	FREQUENCY
PHW150BCO	144 - 174 MHz

SPECIFICATIONS

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

VHF 136-174 MHz



Black "portable" 1/2 wave coil and field tunable flex whip , SO-239 feed connection, 144-174 MHz.

MODEL	FREQUENCY
PHW150C	144 - 174 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	3%
BANDWIDTH @ 2.0	6.5%
POWER RATING	200 Watts
COLOR	Black/Chrome
WHIP	WPHW, flex cable
COAX	Order separately
MAX HEIGHT	56 1/2"



Black coil only for PO/SO-239 type mounts, 144-174 MHz, DC ground.

MODEL	FREQUENCY
P0150BCO	144 - 174 MHz

SPECIFICATIONS

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



Black coil and field tunable black Kulrod® whip for PO/SO-239 type mounts, 144-174 MHz, DC ground.

MODEL	FREQUENCY
P0150B	144 - 174 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	W490B, .100 tapered
COAX	Order separately
MAX HEIGHT	51 1/2"

VHF 136-174 MHz

VHF
136 - 174 MHz



Black coil and field tunable chrome Kulrod® whip for PO/SO-239 type mounts, 144-174 MHz, DC ground.

MODEL	FREQUENCY
PO150C	144 - 174 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	W490, .100 tapered
COAX	Order separately
MAX HEIGHT	51 1/2"



Black coil and field tunable unplated stainless whip for PO/SO-239 type mounts, 144-174 MHz, DC ground.

MODEL	FREQUENCY
PO150U	144 - 174 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	W490 U, .100 tapered, unplated
COAX	Order separately
MAX HEIGHT	51 1/2"