

UHF 406-512 MHz



MODEL	FREQUENCY (MHz)	REP. WHIP
KG406O/S	406 - 420	WKG406
KG420O/S	420 - 440	WKG420
KG450O/S	450 - 470	WKG450
KG470O/S	470 - 490	WKG470
KG490O/S	490 - 512	WKG490

SPECIFICATIONS

GAIN	2.14 dBi
TYPE	1/2 wave
VSWR (see bandwidth)	2:1
BANDWIDTH @ 1.5	2%
BANDWIDTH @ 2.0	3.5
POWER RATING	100 Watts
COLOR	Black
WHIP	0.070
COAX	Order separately / KGUHFUDI/S
MAX HEIGHT	15"

Outside coupler and factory tuned whip
only for KG UHF glass mount antennas.



MODEL	FREQUENCY (MHz)	REP. WHIP
KG406UD	406 - 420	WKG406
KG420UD	420 - 440	WKG420
KG450UD	450 - 470	WKG450
KG470UD	470 - 490	WKG470
KG490UD	490 - 512	WKG490

SPECIFICATIONS

GAIN	2.14 dBi
TYPE	1/2 wave
VSWR (see bandwidth)	2:1
BANDWIDTH @ 1.5	2%
BANDWIDTH @ 2.0	3.5
POWER RATING	100 Watts
COLOR	Black
CONNECTOR	Order separately
WHIP	0.070
COAX	14' RG-58/U Dual Shield
MAX HEIGHT	15"

Complete Kulglass glass mount factory
tuned antenna, 406 - 512 MHz.

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MODEL	FREQUENCY (MHz)	REP. WHIP
KG406UDPL	406 - 420	WKG406
KG420UDPL	420 - 440	WKG420
KG450UDPL	450 - 470	WKG450
KG470UDPL	470 - 490	WKG470

SPECIFICATIONS

GAIN	2.14 dBi
TYPE	1/2 wave
VSWR (see bandwidth)	2:1
BANDWIDTH @ 1.5	2%
BANDWIDTH @ 2.0	3.5
POWER RATING	100 Watts
COLOR	Black
CONNECTOR	PL-259T
WHIP	0.070
COAX	14' RG-58/U Dual Shield
MAX HEIGHT	15"



Complete Kulglass glass mount factory tuned antenna with PL-259, 406 - 512 MHz.

MODEL	FREQUENCY (MHz)
KGUHFUDI/S	406 - 512

SPECIFICATIONS

TYPE	Inside Coupler
POWER RATING	100 Watts
COLOR	Black
CONNECTOR	Order separately
COAX	14' RG-58/U Dual Shield



Inside coupler and 14' UD coax for KG UHF glass mount antennas, 406 - 512 MHz.

NOTE: Antennas are not to scale

1 800 ANTENNA

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

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406 - 512 MHz



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Black UHF base for LM mounts.

MODEL	FREQUENCY (MHz)
LMUHFBASEB	406 - 512

SPECIFICATIONS

TYPE	Base only
POWER RATING	200 Watts
COLOR	Black
WHIP	Various UHF collinear whips
COAX	Order separately
MAX HEIGHT	2"

MODEL	FREQUENCY (MHz)	REP WHIP
LM406C	406 - 420	W152
LM420C	420 - 440	W153
LM440C	440 - 460	W154
LM450C	450 - 470	W155
LM470C	470 - 490	W156
LM490C	490 - 512	W157

SPECIFICATIONS

GAIN	5.6 dBi
TYPE	5/8 over 1/2 wave
VSWR (see bandwidth)	1.5:1 or less
BANDWIDTH @ 1.5	5%
BANDWIDTH @ 2.0	10%
POWER RATING	200 Watts
COLOR	Black/Stainless
WHIP	.100, enclosed coil
COAX	Order separately
MAX HEIGHT	33"



Field tunable LM UHF gain antenna,
406 - 512 MHz. Black base, Stainless whip.

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MODEL	FREQUENCY (MHz)
LP406NMO (W)	406 - 420
LP420NMO (W)	416 - 430
LP450NMO (W)	450 - 470
LP470NMO (W)	470 - 490
LP490NMO (W)	490 - 512

SPECIFICATIONS	
GAIN	2.14 dBi
TYPE	Low profile
VSWR (see bandwidth)	2:1
BANDWIDTH @ 1.5	3%
BANDWIDTH @ 2.0	5%
POWER RATING	100 Watts
COLOR	Black or White
COAX	Order separately
MAX HEIGHT	1 1/2"
DIAMETER	4 1/2"



NMO mount low profile. 20-inch diameter ground plane required. 406 - 512 MHz. Also available in white.

*For white add "W" at end of part number.

MODEL	FREQUENCY (MHz)
LP450	450 - 470

SPECIFICATIONS	
GAIN	2.14 dBi
TYPE	Low profile
VSWR (see bandwidth)	2:1
BANDWIDTH @ 1.5	3%
BANDWIDTH @ 2.0	5%
MAX POWER	100 Watts
COLOR	Black
COAX	17' UD
MOUNTING	Direct Feed 1/2" Hole
MAX HEIGHT	1 1/4"
DIAMETER	5 1/4"



Available in white with minimum order quantities. Please contact the factory for more information.

Mirage II direct feed low profile. 24" ground plane required.



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NMO-mounted radome enclosed transit style antenna. 20" diameter ground plane required. Also available in white. (minimum order quantities apply).

MODEL	FREQUENCY (MHz)
LPT450NMO	450 - 470

SPECIFICATIONS

GAIN	2.14 dBi
TYPE	Low profile
VSWR (see bandwidth)	2:1
BANDWIDTH @ 1.5	3%
BANDWIDTH @ 2.0	5%
POWER RATING	100 Watts
COLOR	Black or White
COAX	Order separately
MAX HEIGHT	4 1/2"

Available in white with minimum order quantities. Please contact the factory for more information.



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"

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MODEL	FREQUENCY (MHz)
NMO4063CS	406 - 430
NMO4303CS	430 - 450
NMO4503CS	450 - 470
NMO4703CS	470 - 490
NMO4903CS	490 - 512

SPECIFICATIONS	
GAIN	5.14 dBi
TYPE	5/8 wave
VSWR (see bandwidth)	2:1
BANDWIDTH @ 1.5	3%
BANDWIDTH @ 2.0	6%
POWER RATING	200 Watts
COLOR	Black/Chrome
COAX	Order separately
WHIP	W170, .100 non-tapered
MAX HEIGHT	19"



Base loaded 5/8 wave 3 dB UHF antenna with integrated spring, 406 - 512 MHz.

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MODEL	FREQUENCY	REP. WHIP
NMO406C	406 - 420	W152
NMO420C	420 - 440	W153
NMO440C	440 - 460	W154
NMO450C	450 - 470	W155
NMO470C	470 - 490	W156
NMO490C	490 - 512	W157

SPECIFICATIONS	
GAIN	5.6 dBi
TYPE	5/8 over 1/2 wave
VSWR (see bandwidth)	1.5:1
BANDWIDTH @ 1.5	5%
BANDWIDTH @ 2.0	10%
POWER RATING	200 Watts
COLOR	Black/Stainless
WHIP	.100, enclosed coil
COAX	Order separately
MAX HEIGHT	33"



NMO UHF gain field tunable antenna, 406 - 512 MHz. Black base, Stainless whip.



NOTE: Antennas are not to scale

1 800 ANTENNA

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

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Black NMO UHF 1/2 wave coil,
406 - 512 MHz.

MODEL	FREQUENCY (MHz)
NMO406HWBCO	406 - 420
NMO450HWBCO	420 - 512

SPECIFICATIONS	
GAIN	1/2 wave coil
POWER RATING	200 Watts
COLOR	Black
CONNECTOR	Order separately
COAX	Order separately
MAX HEIGHT	2 1/2"



Black NMO UHF field tunable 1/2 wave
coil and Stainless whip, 406 - 512 MHz.

MODEL	FREQUENCY (MHz)	REP. WHIP
NMO406CHW	406 - 420	W158
NMO420CHW	420 - 440	W159
NMO440CHW	440 - 460	W160
NMO450CHW	450 - 470	W161
NMO470CHW	470 - 490	W162

SPECIFICATIONS	
GAIN	5.5 dBi (with ground plane)
TYPE	1/2 wave collinear
VSWR (see bandwidth)	2:1
BANDWIDTH @ 1.5	5%
BANDWIDTH @ 2.0	10%
POWER RATING	200 Watts
COLOR	Black/Stainless
CONNECTOR	Order separately
WHIP	.100, enclosed coil
COAX	Order separately
MAX HEIGHT	35 1/2"

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MODEL	WHIP SIZE
NMOQBASE1B	.070
NMOQBASE2B	.100
NMOQBASE3B	.125
NMOUHFBASEB	.100

SPECIFICATIONS	
TYPE	Base only
POWER RATING	200 Watts
COLOR	Black
WHIP	Various
COAX	Order separately
MAX HEIGHT	2"



Black UHF base for NMO mounts

MODEL	FREQUENCY (MHz)
NMOQW406	406 - 430
NMOQW450	450 - 470

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	.070
COAX	Order separately
MAX HEIGHT	7"



Economy factory tuned NMO 1/4 wave chrome nut antenna.

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406 - 512 MHz



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Black NMO UHF wide band coil.

MODEL	FREQUENCY (MHz)
NMOWB406BCO	406 - 512

SPECIFICATIONS

TYPE	Wide Band coil only
POWER RATING	200 Watts
COLOR	Black
WHIP	Order separately
COAX	Order separately
MAX HEIGHT	2 1/2'



Factory tuned UHF wide band gain antenna, 406 - 515 MHz. Black coil, Stainless whip.

MODEL	FREQUENCY (MHz)	REP. WHIP
NMOWB406C	406 - 430	WNMOWB406
NMOWB430C	430 - 455	WNMOWB430
NMOWB450C	450 - 475	WNMOWB450
NMOWB470C	470 - 495	WNMOWB470
NMOWB490C	490 - 515	WNMOWB490

SPECIFICATIONS

GAIN	5.5 dBi
TYPE	Wide Band
VSWR (see bandwidth)	1.5:1
BANDWIDTH @ 1.5	6%
BANDWIDTH @ 2.0	11%
POWER RATING	200 Watts
COLOR	Black/Stainless
COAX	Order separately
MAX HEIGHT	35 1/2"

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MODEL	FREQUENCY (MHz)
OM406BCO	406 - 420
OM450BCO	420 - 512

SPECIFICATIONS	
TYPE	1/2 wave coil
POWER RATING	100 Watts
COLOR	Black
CONNECTOR	PL-259
WHIP	Order separately
COAX	17' RG-58A/U
MAX HEIGHT	4"



Self-mounting no ground plane coil with internally attached cable, 406 - 512 MHz. Ideal for fiberglass or other non-metal installations.

MODEL	FREQUENCY (MHz)	REP. WHIP
OM406CK	406 - 420	W158
OM420CK	420 - 440	W159
OM450CK	450 - 470	W161
OM470CK	470 - 490	W162

SPECIFICATIONS	
GAIN	5.5 dBi (with ground plane)
TYPE	1/2 wave collinear
VSWR (see bandwidth)	1.5:1
BANDWIDTH @ 1.5	4%
BANDWIDTH @ 2.0	8%
POWER RATING	100 Watts
COLOR	Black/Stainless
WHIP	.100, enclosed coil
COAX	17' RG-58A/U
MAX HEIGHT	35 1/2"



Complete self-mounting no ground plane field tunable antenna with internally attached cable, 406 - 512 MHz. Black coil, Stainless whip.

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MODEL	FREQUENCY (MHz)	COAX LENGTH
SB450FME12	450 - 470	12'

SPECIFICATIONS

GAIN	2.14 dBi
TYPE	Printed Circuit Board
VSWR	2:1
BANDWIDTH @ 1.5	20%
BANDWIDTH @ 2.0	30%
POWER RATING	35 Watts
COLOR	Black
COAX	RG-316 (White)
CONNECTOR	FME
DIMENSIONS	10" X .75"
POLARIZATION	Linear

NOTE: Antenna VSWR can be affected by the mounting location.

Stealth Blade flexible printed circuit dipole antenna.