

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

UHF
406 - 512 MHz



UHF 406-512 MHz



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.



UHF 406-512 MHz



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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406 - 512 MHz

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.

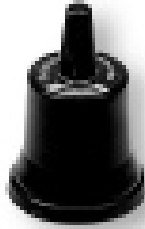


NOTE: Antennas are not to scale

1 800 ANTENNA

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

UHF 406-512 MHz



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"

UHF 406-512 MHz

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

SPECIFICATIONS	
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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)
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NMOQW406	406 - 430
NMOQW450	450 - 470

SPECIFICATIONS	
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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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UHF 406-512 MHz



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.

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



UHF 406-512 MHz



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.