

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.

UHF 406-512 MHz

| 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.

UHF
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



| 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" |

Black UHF base for LM mounts.



| 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.

UHF 406-512 MHz

| 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" |



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

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

UHF
406 - 512 MHz



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" |

UHF 406-512 MHz

| 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.

UHF
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.

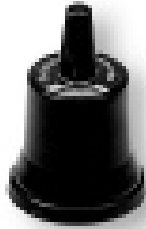


NOTE: Antennas are not to scale

1 800 ANTENNA

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

UHF 406-512 MHz



| 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 1/2 wave coil,
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" |

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

UHF 406-512 MHz

| 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.

UHF
406 - 512 MHz



UHF 406-512 MHz



| 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' |

Black NMO UHF wide band coil.



| 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" |

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

UHF 406-512 MHz

| 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.

UHF
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.