

LOW/MID BAND 27-136 MHz

LOW BAND COILS/WHIPS

| Model | Type | Frequency (MHz) | Gain (dBd/dBi) | Max Height (In) | Power Rating (Watts) | Whip Color | Cable Assembly/Mount |
|----------|----------------------|-----------------|----------------|-----------------|----------------------|------------|----------------------|
| NMO27BCO | Loaded 1/4 λ | 27-30 | | 4 | 150 | Coil Only | Order Separately |
| NMO27B | Loaded 1/4 λ | 27-30 | 0/2 | 52.5 | 150 | Black | Order Separately |
| NMO27C | Loaded 1/4 λ | 27-30 | 0/2 | 52.5 | 150 | Stainless | Order Separately |
| NMO30BCO | Loaded 1/4 λ | 30-34 | | 4 | 150 | Coil Only | Order Separately |
| NMO30B | Loaded 1/4 λ | 30-34 | 0/2 | 57.5 | 150 | Black | Order Separately |
| NMO30C | Loaded 1/4 λ | 30-34 | 0/2 | 57.5 | 150 | Stainless | Order Separately |
| NMO34BCO | Loaded 1/4 λ | 34-40 | | 4 | 150 | Coil Only | Order Separately |
| NMO34B | Loaded 1/4 λ | 34-40 | 0/2 | 57.5 | 150 | Black | Order Separately |
| NMO34C | Loaded 1/4 λ | 34-40 | 0/2 | 57.5 | 150 | Stainless | Order Separately |
| NMO40BCO | Loaded 1/4 λ | 40-50 | | 3.5 | 150 | Coil Only | Order Separately |
| NMO40B | Loaded 1/4 λ | 40-50 | 0/2 | 57.5 | 150 | Black | Order Separately |
| NMO40C | Loaded 1/4 λ | 40-50 | 0/2 | 57.5 | 150 | Stainless | Order Separately |
| NMOWB40C | Loaded 1/4 λ | 40-50 | 0/2 | 55 | 150 | Stainless | Order Separately |
| NMO50BCO | Loaded 1/4 λ | 47-54 | | 3.5 | 150 | Coil Only | Order Separately |
| NMO50B | Loaded 1/4 λ | 47-54 | 0/2 | 52.5 | 150 | Black | Order Separately |
| NMO50C | Loaded 1/4 λ | 47-54 | 0/2 | 52.5 | 150 | Stainless | Order Separately |
| NMOQ52C | 1/4 λ | 52-88 | 0/2 | 55 | 150 | Stainless | Order Separately |
| NMOQ88C | 1/4 λ | 88-136 | 0/2 | 35 | 150 | Stainless | Order Separately |
| Q52 | 1/4 λ | 52-88 | 0/2 | 55 | 200 | Stainless | Order Separately |
| Q88 | 1/4 λ | 88-136 | 0/2 | 35 | 200 | Stainless | Order Separately |



NMO Low Band



NMOQ Low Band



NMOWB Low Band



Q Series Low Band

The most commonly used cable assembly/mount is the NMOKHFUD (27 MHz to 6 GHz) with 17' of UD (RG-58/U Dual Shield).

NOTE: Larsen springs (SPRING or SPRINGB) can be added to most mobile antennas.



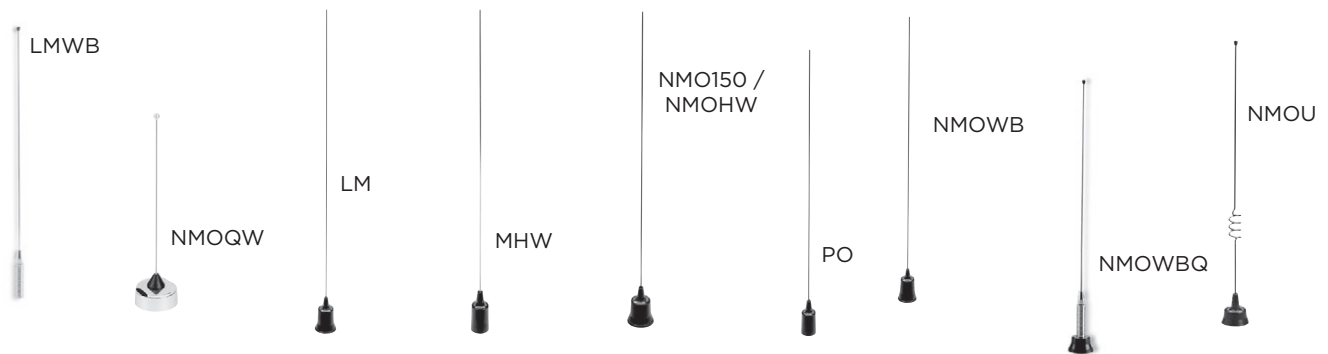
1 800 ANTENNA (268-3662)

NOTE: Antennas are not to scale

VHF 136-220 MHz

VHF COILS/WHIPS

| Model | Type | Frequency (MHz) | Gain (dBd/dBi) | Max Height (in) | Power Rating (Watts) | Whip Color | Cable Assembly/ Mount | Connector |
|-------------|------------------------|-----------------|----------------|-----------------|----------------------|------------|-----------------------|-----------|
| MHW150BCO | 1/2 λ | 144-174 | 0/2 | 2.5 | 200 | Coil Only | Order Separately | |
| MHW150C | 1/2 λ | 144-174 | 0/2 | 51.5 | 200 | Stainless | Order Separately | |
| NMO150BCO | 5/8 λ | 144-174 | | 2.5 | 200 | Coil Only | Order Separately | |
| NMO150B | 5/8 λ | 144-174 | 3/5.14 | 51.5 | 200 | Black | Order Separately | |
| NMO150C | 5/8 λ | 144-174 | 3/5.14 | 51.5 | 200 | Stainless | Order Separately | |
| NMO150BK | 5/8 λ | 144-174 | 3/5.14 | 51.5 | 200 | Black | 17' RG-58A/U | PL-259 |
| NMO150CK | 5/8 λ | 144-174 | 3/5.14 | 51.5 | 200 | Stainless | 17' RG-58A/U | PL-259 |
| NMO150HWBCO | 5/8 λ | 144-174 | | 2.5 | 200 | Coil Only | Order Separately | |
| NMO150BHW | 1/2 λ | 144-174 | 0/2 | 51.5 | 200 | Black | Order Separately | |
| NMO150CHW | 1/2 λ | 144-174 | 0/2 | 51.5 | 200 | Stainless | Order Separately | |
| NMOU150D | Loaded 1/4 λ | 150-165 | 0/2 | 18 | 200 | Black | Order Separately | |
| NMOU155D | Loaded 1/4 λ | 155-170 | 0/2 | 18 | 200 | Stainless | Order Separately | |
| NMOWB150BCO | Wideband 1/2 λ | 135-174 | | 2.75 | 100 | Coil Only | Order Separately | |
| NMOWB150B | Wideband 1/2 λ | 135-174 | 0/2 | 51.75 | 100 | Black | Order Separately | |
| NMOWB150C | Wideband 1/2 λ | 135-174 | 0/2 | 51.75 | 100 | Stainless | Order Separately | |
| NMOWB150BK | Wideband 1/2 λ | 135-174 | 0/2 | 51.75 | 100 | Black | 17' RG-58A/U | PL-259 |
| NMOWBQB | Wideband 1/4 λ | 150-170 | 0/2 | 20 | 200 | Black | Order Separately | |
| NMOWBQC | Wideband 1/4 λ | 150-170 | 0/2 | 20 | 200 | Stainless | Order Separately | |
| NMOQW144 | 1/4 λ | 144-152 | 0/2 | 19 | 200 | Stainless | Order Separately | |
| NMOQW152 | 1/4 λ | 152-162 | 0/2 | 19 | 200 | Stainless | Order Separately | |
| LM150BCO | 5/8 λ | 144-174 | | 2.75 | 200 | Coil Only | Order Separately | |
| LM150B | 5/8 λ | 144-174 | | 51.75 | 200 | Black | Order Separately | |
| LM150C | 5/8 λ | 144-174 | | 51.75 | 200 | Stainless | Order Separately | |
| LMWBQ | Wideband 1/4 λ | 150-170 | 0/2 | 18.5 | 200 | Stainless | Order Separately | |
| LMWBQB | Wideband 1/4 λ | 150-170 | 0/2 | 18.5 | 200 | Black | Order Separately | |
| PO150BCO | 5/8 λ | 144-174 | 0/2 | 2.5 | 200 | Coil Only | Order Separately | |
| PO150B | 5/8 λ | 144-174 | 0/2 | 51.5 | 200 | Black | Order Separately | |
| PO150C | 5/8 λ | 144-174 | 0/2 | 51.5 | 200 | Black | Order Separately | |



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VHF 136-220 MHz

VHF GLASS MOUNT

| Model | Type | Frequency (MHz) | Gain (dBd/dBi) | Max Height (In) | Power Rating (Watts) | Whip Color | Cable Assembly/ Mount | Connector |
|--------------|-------------------|-----------------|----------------|-----------------|----------------------|------------|-----------------------|-----------|
| KGFFREQUDPL2 | VHF Disguise | 140-149 | 0/2 | 20 | 100 | Black | 14' RG-58/U | PL-259 |
| KGFFREQUDPL3 | VHF Disguise | 150-159 | 0/2 | 20 | 100 | Black | 14' RG-58/U | PL-259 |
| KGFFREQUDPL4 | VHF Disguise | 160-170 | 0/2 | 20 | 100 | Black | 14' RG-58/U | PL-259 |
| KG144O/S | 1/2 λ | 144-160 | 0/2 | 48 | 100 | Black | Order Separately | |
| KG144UD | 1/2 λ | 144-160 | 0/2 | 48 | 100 | Black | 14' RG-58/U | No Conn |
| KG144UDPL | 1/2 λ | 144-160 | 0/2 | 48 | 100 | Black | 14' RG-58/U | PL-259 |
| KG160O/S | 1/2 λ | 160-174 | 0/2 | 47 | 100 | Black | Order Separately | |
| KG160UD | 1/2 λ | 160-174 | 0/2 | 47 | 100 | Black | 14' RG-58/U | No Conn |
| KG160UDPL | 1/2 λ | 160-174 | 0/2 | 47 | 100 | Black | 14' RG-58/U | PL-259 |
| KGVHFUDI/S | Inside Cable Unit | 144-174 | | | 100 | | 14' RG-58/U | No Conn |



VHF LOW PROFILE

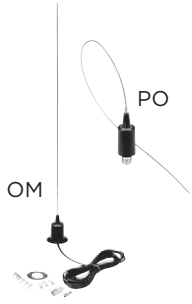
| Model | Frequency (MHz) | Gain (dBd/dBi) | Size H x DIA (In) | Power Rating (Watts) | Color | Cable Assembly/ /Mount |
|----------|-----------------|----------------|-------------------|----------------------|-------|------------------------|
| LP152NMO | 151.02-152.98 | 0/2 | 3.75 x 4.5 | 60 | Black | Order Separately |
| LP154NMO | 152.96-155.04 | 0/2 | 3.75 x 4.5 | 60 | Black | Order Separately |
| LP156NMO | 154.42-156.58 | 0/2 | 3.75 x 4.5 | 60 | Black | Order Separately |
| LP158NMO | 156.38-158.62 | 0/2 | 3.75 x 4.5 | 60 | Black | Order Separately |
| LP160NMO | 158.33-160.67 | 0/2 | 3.75 x 4.5 | 60 | Black | Order Separately |
| LP162NMO | 160.29-162.71 | 0/2 | 3.75 x 4.5 | 60 | Black | Order Separately |
| LP164NMO | 162.75-165.25 | 0/2 | 3.75 x 4.5 | 60 | Black | Order Separately |
| LP167NMO | 165.21-167.79 | 0/2 | 3.75 x 4.5 | 60 | Black | Order Separately |
| LP169NMO | 167.68-170.32 | 0/2 | 3.75 x 4.5 | 60 | Black | Order Separately |
| LP171NMO | 170.16-172.84 | 0/2 | 3.75 x 4.5 | 60 | Black | Order Separately |
| LP174NMO | 172.14-174.86 | 0/2 | 3.75 x 4.5 | 60 | Black | Order Separately |

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VHF 136-220 MHz



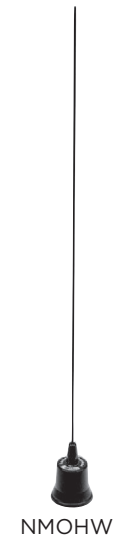
VHF DIRECT MOUNTS

| Model | Type | Frequency (MHz) | Gain (dBd/dBi) | Max Height (In) | Power Rating (Watts) | Whip Color | Cable Assembly | Connector |
|-----------|-------|-----------------|----------------|-----------------|----------------------|------------|------------------|-----------|
| OM150BCO | 1/2 λ | 144-174 | | 3 | 200 | Coil Only | 17' RB-58A/U | PL-259 |
| OM150CK | 1/2 λ | 144-174 | 0/2 | 51.75 | 200 | Stainless | 17' RB-58A/U | PL-259 |
| PHW150BCO | 1/2 λ | 144-174 | 0/2 | 2.5 | 200 | Coil Only | Order Separately | |
| PHW150C | 1/2 λ | 144-174 | 0/2 | 56.5 | 200 | Stainless | Order Separately | |



VHF MAGNETIC MOUNTS

| Model | Type | Frequency (MHz) | Gain (dBd/dBi) | Max Height (In) | Power Rating (Watts) | Whip Color | Cable Assembly | Connector |
|--------|---------------|-----------------|----------------|-----------------|----------------------|------------|----------------|-----------|
| MSTFME | Tunable 1/4 λ | 144-965 | 0/2 | 21 | 50 | Black | 12' RG-174 | FME Crimp |



VHF 220 MHz

| Model | Type | Frequency (MHz) | Gain (dBd/dBi) | Max Height (In) | Power Rating (Watts) | Whip Color | Cable Assembly/ Mount |
|-------------|-------|-----------------|----------------|-----------------|----------------------|------------|-----------------------|
| NMO220BCO | 5/8 λ | 220-225 | 3/5.2 | 2.5 | 200 | Coil Only | Order Separately |
| NMO220B | 5/8 λ | 220-225 | 3/5.2 | 30 | 200 | Black | Order Separately |
| NMO220C | 5/8 λ | 220-225 | 3/5.2 | 30 | 200 | Stainless | Order Separately |
| NMO220HWBCO | 1/2 λ | 220-225 | | 3 | 200 | Coil Only | Order Separately |
| NMO220CHW | 1/2 λ | 220-225 | 0/2 | 30 | 200 | Stainless | Order Separately |

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