

New-Tronics Antenna



*“Beyond Your Expectations”*

AMATEUR ANTENNAS  
and Accessories

# CATALOG

No. 90416

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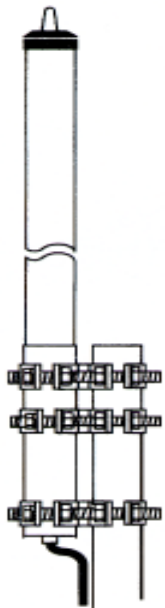
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PRICES SUBJECT TO CHANGE WITHOUT NOTICE



## SPIRIT SERIES

The Spirit Series are omnidirectional base station antennas with a frequency range of 130 MHz to 2 GHz. These fiberglass enclosed antennas have significant advantages over most exposed element arrays and provide equal or better electrical performance. We offer three models HS, HD, and HX depending on the application.

**HS** Standard duty version for the mild environment application. This model will handle low wind speed and a mild environment. The white extruded fiberglass radome is 1-3/4" diameter and is combined with a 24" long, 1/8" aluminum base.

**HD** Heavy duty version for difficult environments, remote locations, and tower installations. This model has a wind survival of at least 150 mph. The white extruded fiberglass radome is 2-3/8" diameter and is combined with a 24" long, 3/16" aluminum base.

**HX** Extreme environment version for use in remote location. High wind applications, and tall tower installations. The white extruded fiberglass radome is 2-7/8" diameter and is combined with a 28" long, 3/16" aluminum base.

**Electrical** Our Off-Set Radiator (O.S.R) design features phased 1/2" wave copper radiators which yield precise radiation angles control and very wide bandwidth. All O.S.R materials are made of copper or brass to minimize the possibility of intermodulation. Heavy duty radiating elements and feed system allows for maximum power output. HS 400 watts HD 600 watts HX 600 watts

**Radiators/Feed lines** are constructed from copper alloy and are welded or soldered which reduces intermodulation. This is encased in a white extruded fiberglass radome with heavy wall aluminum base

**Lightning** protection is provided by a lightning spike at the top of the antenna, which is connected to a 0.200" diameter copper tube. This tube runs the entire length of the antenna for grounding to your support structure.

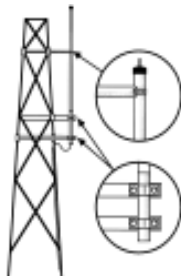
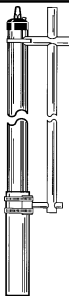
**Weatherproofing** is achieved with the use of a sealed type N female connector. Removable drain plugs and O-rings allow proper drainage whether in the upright or inverted position.

**Mounting** Galvanized steel mounting clamps are provided with each Spirit antenna. The rigid design prevents ratcheting or twisting of the antenna in high winds. The clamp accepts mounting pipes from 1-1/2" to 3-1/7" in diameter, or angle members up to 2-1/2".

### Accessories

SMK kits (Tower Side Mount Kit) allow mounting of antennas to triangular tower faces. Compatible with tower legs up to 3-1/4" (round) or angle members up to 2-1/2". **\$298.20**

RTA kits (Reflector Tube) adds 3 dB directional gain to any Spirit series antenna.

|  | MODEL          | FREQ       | GAIN    | HEIGHT | TYPE |               |
|--|----------------|------------|---------|--------|------|---------------|
|  <p>SMK kit<br/>(Tower Side Mount Kits)</p> | <b>2 METER</b> | HSU-14448  | 144-148 | Unity  | 49"  | Standard Duty |
|  |                | HS3-14448  | 144-148 | 3dBd   | 137" | Standard Duty |
|  |                | HX6-14448  | 144-148 | 6dBd   | 246" | Extreme Duty  |
|  | <b>220 MHz</b> | HSU-22225  | 222-225 | Unity  | 44"  | Standard Duty |
|  |                | HD3-22225  | 222-225 | 3dBd   | 102" | Heavy Duty    |
|  |                | HD6-22225  | 222-225 | 6dBd   | 174" | Heavy Duty    |
|  | <b>440 MHz</b> | HS3-43050  | 430-450 | 3dBd   | 132" | Standard Duty |
|  |                | HD6-43050  | 430-450 | 6dBd   | 162" | Heavy Duty    |
|  |                | HD9-43050  | 430-450 | 9dBd   | 180" | Heavy Duty    |
|  |                | HX10-43050 | 430-450 | 10dBd  | 204" | Extreme Duty  |
|  | <b>900 MHz</b> | HS6-90228  | 902-928 | 6dBd   | 143" | Standard Duty |
|  |                | HS9-90228  | 902-928 | 9dBd   | 138" | Standard Duty |
|  |                | HD10-90228 | 902-928 | 10dBd  | 184" | Heavy Duty    |
|  |                | HD12-90228 | 902-928 | 12dBd  | 176" | Heavy Duty    |
|  | <b>1.2 GHz</b> | HS6-12430  | 1.2-1.3 | 6dBd   | 53"  | Standard Duty |
|  <p>RTA kit (Reflector Tube)</p>            |                | HS9-12430  | 1.2-1.3 | 9dBd   | 78"  | Standard Duty |
|  |                | HS10-12430 | 1.2-1.3 | 10dBd  | 102" | Standard Duty |
|  |                | HS12-12430 | 1.2-1.3 | 12dBd  | 115" | Standard Duty |

**Model G3-144**

The G3-144 is the newest addition to the Hustler Base Station line. Designed with the cost conscious amateur in mind, this small, inexpensive antenna delivers more gain than other antennas in its price range. Ideal for a home or emergency command post.

**ELECTRICAL**

- Frequency Range: 144 - 148 MHz.
- Gain: 3 dB
- Maximum Power: 1 KW FM
- Bandwidth: 4 MHz
- VSWR: < 1.5:1 @ resonance
- Impedance: 50 ohms

**MECHANICAL**

- Termination: SO-239
- Length: 7' 5"
- Weight: 2.0 lbs
- Wind Survival: 100 mph.
- Wind Area: 0.5 ft.<sup>2</sup>
- Mounting: 1 to 1 3/4"
- Construction: High strength fiberglass & aluminum.



## VHF and UHF Omni Directional Fixed Station Vertical Antennas

**Model G7-144  
Two Meter**

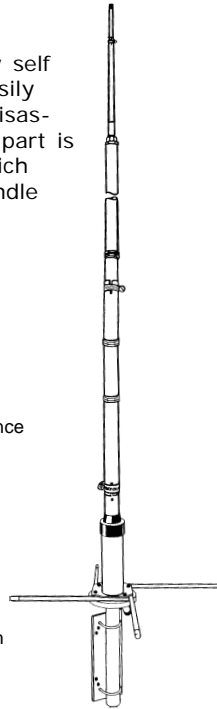
The G7-144 is totally self supporting and is easily assembled. When disassembled the longest part is approximately 4' which makes it easy to handle and ship via UPS.

**ELECTRICAL**

- Frequency Range: 144 - 148 MHz.
- Gain: 7 dB
- Maximum Power: 1 KW FM
- Bandwidth: 4 MHz.
- VSWR: < 1.5:1 @ resonance
- Impedance: 50 ohms

**MECHANICAL**

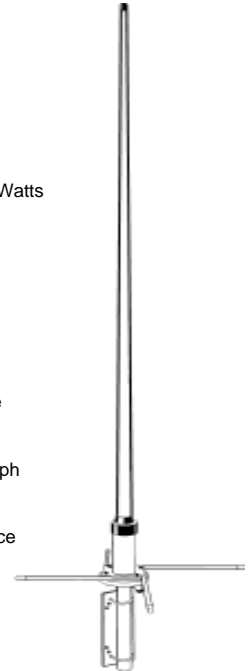
- Termination: N female
- Length: 15' 4"
- Weight: 10.0 lbs.
- Wind survival: 100 mph
- Wind Area: 0.96 ft.<sup>2</sup>
- Mounting: Up to 1 3/4"
- Construction: High strength fiberglass & aluminum.

**Model G6-270R  
Dual band  
2 Meter & 440 MHz****ELECTRICAL**

- Frequency range: 144 - 148 MHz, 440 - 450 MHz.
- Gain: 6 dB
- Maximum power: 100 Watts
- Bandwidth: 4 MHz – 2 Meters 10 MHz – 440 Meters
- VSWR: < 1.5:1 @ resonance
- Impedance: 50 ohms

**MECHANICAL**

- Termination: N female
- Length: 7' 6"
- Weight: 5.3 lbs.
- Wind Survival: 100 mph
- Wind Area: 1.4 ft.<sup>2</sup>
- Mounting: Up to 1 3/4"
- Construction: one piece radome

**Model G-3754  
6 Meter Vertical**

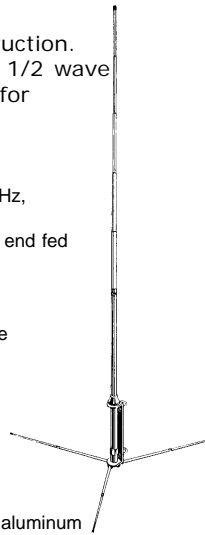
Rugged Hustler construction. More gain than 5/8 or 1/2 wave designs. D.C. ground for lightning protection

**ELECTRICAL**

- Frequency range: 37 - 54 MHz,
- Gain: 4.2 dB
- Wavelength: .64 wavelength end fed colinear
- Maximum power: 300 Watts
- Bandwidth: 1 MHz
- VSWR: < 1.2:1 @ resonance
- Impedance: 50 ohms

**MECHANICAL**

- Termination: SO 239
- Length: 9' 2"
- Weight: 9.0 lbs.
- Wind Survival: 100 mph
- Mounting: Up to 1 3/4"
- Construction: High strength aluminum
- Sealed impedance transformer

**Model G6-144B  
Two Meter**

(see photo above)

**ELECTRICAL**

- Frequency range: 143 - 149 MHz.
- Gain: 6 dB
- Maximum power: 1 KW FM
- Bandwidth: 6 MHz.
- VSWR: < 1.5:1 @ resonance
- Impedance: 50 ohms

**MECHANICAL**

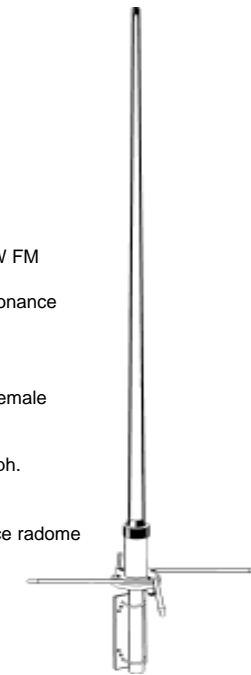
- Termination: SO-239
- Length: 9' 9"
- Weight: 6.8 lbs.
- Wind survival: 100 mph.
- Wind Area: 1.4 ft.<sup>2</sup>
- Mounting: Up to 1 3/4"
- Construction: High strength fiberglass & aluminum.

**Model G6-440  
440 MHz****ELECTRICAL**

- Frequency range: 440 - 450 MHz.
- Gain: 6 dB
- Maximum power: 1 KW FM
- Bandwidth: 10 MHz.
- VSWR: < 1.5:1 @ resonance
- Impedance: 50 ohms

**MECHANICAL**

- Termination: Type N female
- Length: 7' 3"
- Weight: 5.0 lbs.
- Wind survival: 100 mph.
- Wind Area: 1.4 ft.<sup>2</sup>
- Mounting: Up to 1 3/4"
- Construction: one piece radome

**Model G-2537  
10 Meter Vertical** (see photo above)**ELECTRICAL**

- Frequency range: 25 - 37 MHz,
- Gain: 4.2 dB
- Wavelength: .64 wavelength end fed colinear
- Maximum power: 300 Watts
- Bandwidth: 1 MHz
- VSWR: < 1.2:1 @ resonance
- Impedance: 50 ohms

**MECHANICAL**

- Termination: SO 239
- Length: 21'
- Weight: 9.5 lbs.
- Wind Survival: 100 mph
- Mounting: Up to 1 3/4"
- Construction: High strength aluminum
- Sealed impedance transformer

**Model G7-220** (see photo above)**ELECTRICAL**

- Frequency range: 220 - 225 MHz.
- Gain: 7 dB
- Maximum power: 1 KW FM
- Bandwidth: 5 MHz.
- VSWR: < 1.5:1 @ resonance
- Impedance: 50 ohms

**MECHANICAL**

- Termination: Type N female
- Length: 10' 2"
- Weight: 7.0 lbs.
- Wind survival: 100 mph.
- Wind Area: 0.96 ft.<sup>2</sup>
- Mounting: Up to 1 3/4"
- Construction: High strength fiberglass & aluminum.



[www.new-tronics.com](http://www.new-tronics.com)

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041609



# HF MULTI-BAND BTV



Hustler has been producing HF vertical antennas of unusual electrical performance and mechanical integrity since 1959. Many of those original vertical are still in service after over 30 year of reliable operations.

Our exclusive trap design offers the lowest loss possible. A special extrusion process allows us to produce trap covers to an otherwise unattainable close tolerance assuring accurate and permanent resonance. Our highly accurate traps provide top signal reports and consistent contacts.

Accurate tuning is made possible by the wide range of tuning flexibility designed into our verticals. Not only can you use the normal adjustable tubing to change resonance, but the traps themselves can be field tuned for an additional 2 MHz shift. This flexibility will enable you to achieve a good SWR even if your installation is no ideal.

We believe that a fixed station antenna is only as good as its ability to stay up. We further believe that the mechanical design of our verticals is superior to any large diameter 1 1/4 inch tubing is used from top to bottom. Our base assembly utilizes a center tube with a .315-inch wall thickness, unequaled in the industry. The trap coils are wound around solid one-inch diameter fiberglass cores.

### SPECS

- Broadbanded – low VSWR at band edges
- Power capability – full legal limit on SSB or CW
- Solid one inch fiberglass trap forms for optimum electrical and mechanical stability
- Heavy wall, high strength aluminum tubing, heavy duty aluminum mounting bracket and low loss, high strength insulators.
- Stainless steel clamps and hardware.
- Easy assembly and tuning.
- Single line feed with any length of 50 ohm coax.
- Use as ground mount with or without radials, or elevated mount with radials.
- All of the BTVs can be mounted in a piece of PVC and disguised as a flagpole in deed restricted neighborhoods.

### Model 6-BTV

Bands: 10-15-20-30-40 & 75 or 80 meters  
 Length/weight: 24 ft. / 16.5 lbs.  
 Mounting: Vertical support up to 1.75" O.D.  
 Wind Load: 29 lbs. @ 70 mph.  
 Power capability: Full legal limit SSB/CW  
 VSWR: Resonance 1.2 to 1 or better  
 Bandwidth: VSWR 2:1 or better at band edges on 10-40 meters (100 KHz. On 75 or 80 meters)

### Model 5-BTV

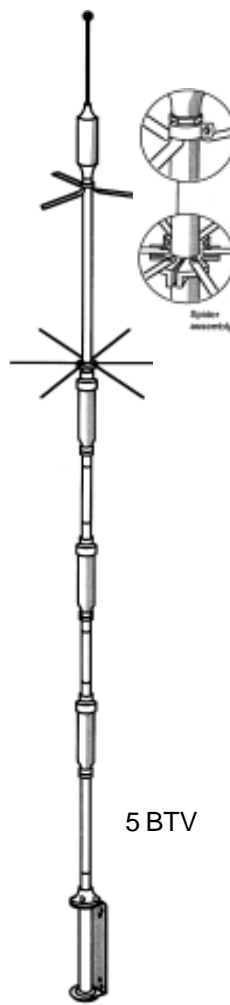
Bands: 10-15-20-40 & 75 or 80 meters  
 Length/weight: 25 ft. 1 in. / 16.5 lbs.  
 Mounting: Vertical support up to 1.75" O.D.  
 Wind Load: 29 lbs. @ 70 mph.  
 Power capability: Full legal limit SSB/CW  
 VSWR: Resonance 1.2 to 1 or better  
 Bandwidth: VSWR 2:1 or better at band edges on 10-40 meters (100 KHz. On 75 or 80 meters)

### Model 4-BTV

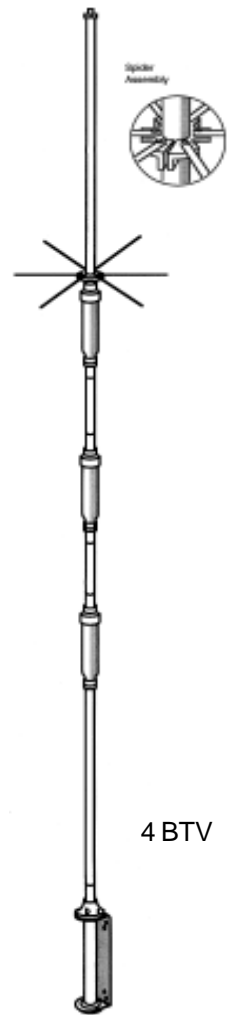
Bands: 10-15-20-40 meters  
 Length/weight: 21 ft. 5 in. / 15 lbs.  
 Mounting: Vertical support up to 1.75" O.D.  
 Wind Load: 28 lbs. @ 70 mph.  
 Power capability: Full legal limit SSB/CW  
 VSWR: Resonance 1.2 to 1 or better  
 Bandwidth: VSWR 1.6:1 at band edges



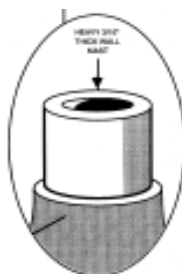
6 BTV



5 BTV



4 BTV



### Model 30-MTK

30 meter add on kit for the 4 and 5 BTV

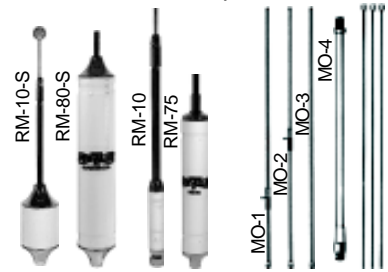


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 76067-9563 Fax: **940.325.507**

# Amateur HF Mobile 10,12,15,17,20,30,40,75 and 80 Meter

If you are serious about HF mobile operation the **Hustler** HF Mobile System is the obvious choice. **Hustler** manufactures and sells more HF mobile antennas world wide than anyone. No other manufacturer offers the convenience, the flexibility or the pure performance that **Hustler** does. Our HF Mobile System offers a wide variety of components which enable you to customize your installation to fit your present and future needs. A choice of four different support masts provides an installation solution for every vehicle. A selection of interchangeable resonators in high and moderate power levels and varying bandwidths are available. A full complement of accessories such as springs, a multiband adapter and a quick disconnect device complete the system. Experience the satisfaction that comes with owning the best in the world — the **Hustler** HF Mobile System.

| Model  | Type     | Band | Power SSB | Bandwidth 2:1 | Height  |
|--------|----------|------|-----------|---------------|---------|
| RM-10  | Standard | 10 m | 400 W     | 150-250 KHz   | 22 3/8" |
| RM-11  | Standard | 11 m | 400 W     | 150-250 KHz   | 23 1/8" |
| RM-12  | Standard | 12 m | 400 W     | 100-150 KHz   | 29 "    |
| RM-15  | Standard | 15 m | 400 W     | 100-150 KHz   | 22 3/8" |
| RM-17  | Standard | 17 m | 400 W     | 120-150 KHz   | 33 1/4" |
| RM-20  | Standard | 20 m | 400 W     | 80-100 KHz    | 30 5/8" |
| RM-30  | Standard | 30 m | 400 W     | 50-60 KHz     | 30 5/8" |
| RM-40  | Standard | 40 m | 400 W     | 40-50 KHz     | 47 3/8" |
| RM-60  | Standard | 60 m | 400 W     | 40-50 KHz     | 58"     |
| RM-75  | Standard | 75 m | 400 W     | 25-30 KHz     | 50 7/8" |
| RM-80  | Standard | 80 m | 400 W     | 25-30 KHz     | 58 7/8" |
| RM-10S | Super    | 10 m | 1 kW      | 250-400 KHz   | 23 5/8" |
| RM-11S | Super    | 11 m | 1 kW      | 250-400 KHz   | 29 1/2" |
| RM-15S | Super    | 15 m | 1 kW      | 150-200 KHz   | 28 1/8" |
| RM-20S | Super    | 20 m | 1 kW      | 100-150 KHz   | 30 3/8" |
| RM-40S | Super    | 40 m | 1 kW      | 50-80 KHz     | 48"     |
| RM-75S | Super    | 75 m | 1 kW      | 50-60 KHz     | 53"     |
| RM-80S | Super    | 80 m | 1 kW      | 50-60 KHz     | 61"     |



## Mobile HF Antennas Hustler Masts

### MO-1

Mobile mast 54" length, for bumper, fender or hitch mounting. Folds over at 15" above base. Made of highest quality heat treated Stainless steel and aluminum parts. 3/8" x 24 threaded

### MO-2

Mobile mast, 54" length, for bumper, fender or hitch mounting. Folds over at 27" above base. 3/8" X 24 threaded

### MO-3

Mobile mast, 54" length, for bumper, fender or hitch mounting. solid aluminum with white vinyl coating. Does not fold over. 3/8" X 24 threaded

### MO-4

Mobile mast 22" length, trunk or deck mounting. Three retuning tip rods included. 3/8" X 24 threaded

## Quick Disconnect

### QD-2

100% Stainless Steel. Remove antenna from mount in seconds with push and twist release. Every part including the compression spring is manufactured from the best available 100% stainless steel. Special design of enclosed compression and lock assembly assures freedom against ice and dirt jam up.

Accommodates small, medium and large mobile antennas. Equipped with 3/8" x 24 threads, female on one end and male on the other, 3 3/8 tall.



## VP-1

Automatic bandswitching using any three Hustler HF resonators. Adapts any Hustler HF mast to tri-band operation. No additional tuning necessary.



## Professional Chrome Series C-30

Chrome plated 4" spring. Copper braided center conductor to prevent detuning. Accepts 3/8" x 24 antennas



## C-32

Chrome plated 1 1/2" ball mount. Furnished complete with rubber pad, steel backup plate, all mounting hardware and hex key. 2 1/2" tall



## C-29

Stainless steel 4" spring. Copper braided center conductor to prevent detuning. Accepts 3/8" x 24 antennas



## Resonator Spring RSS-2

Finest quality stainless steel spring for use between resonator and Hustler antenna mast. This 3" spring absorbs shock when the antenna strikes overhanging obstructions. Supplied ready for easy installation with 3/8" x 24 threads, female on one end, and male on the other. Copper braided center conductor to prevent detuning.



## Magnet Mount MBM Magnet

- 95 lbs. Pull strength
- Powerful 5 inch diameter magnet only 1 5/8 height
- 8 pole magnet
- 16 feet RG 58/U coax with PL-259 connector.
- 3/8" x 24 female threads
- Recommended for antennas up to 48".



## Bumper Mount BM-1

Design is rugged for supporting Hustler antennas with the Standard or Super resonators. Heavy stainless steel strap, stronger than chain, fits most bumpers inconspicuously. Assembly is easily installed and held rigid by "J" bolts at the top and a bumper strap clamp at the bottom 3 3/8" tall.



## Professional Stainless Steel Series

### SSM-1

Heavy-duty mount with 4" stainless steel spring with copper braided center conductor to prevent detuning. 180 degree adjustable 2" diameter stainless steel ball. Accepts 3/8" x 24 antennas, 8" tall

### SSM-2

Heavy-duty 2" diameter stainless steel ball mount. 180 degree adjustable. Accepts 3/8" x 24 antennas, 4 1/2" tall

### SSM-3

Heavy-duty stainless steel 4" spring with 3/8" x 24 coupling stud. Copper braided center conductor to prevent detuning.



**HLM** Trunk lip mount designed for hatch/slanted back vehicles. 180 degree 1" diameter ball, which accepts 3/8 x 24 antennas. RG58/U coax with PL-259. 4 1/2" tall



**TLM** Trunk lip mount, which accepts 3/8 x 24 antennas. RG58/U coax with PL-259 connector. 3" tall



**HOT** Trunk lip mount with easy off/on by using thumb knob. 180 degree 1" diameter ball, which accepts 3/8 x 24 antennas. RG58/U coax PL-259 connector. 4 1/2" tall



**RVM** Recreational vehicle mount with heavy duty bracket. Easy antenna removal or lay down with thumb knob. 1" ball that accepts 3/8 x 24 antennas. RG58/U with PL-259. 4 5/8" tall



## Unity Gain

### THF

#### VHF/UHF Trunk Lip Mount Antennas.

- Frequency range: 140-500 MHz
- ¼ wave length
- Cut length for low VSWR
- 15 ft RG58/U with PL-259 connector, 23" H

### UHT-1

#### VHF/UHF Roof/Deck Hole Mount Antenna.

- Frequency range: 140-500 MHz
- ¼ wave length
- Cut length for low VSWR
- 15 ft RG58/U, 23" H

### UGM

#### VHF/UHF Magnetic Mount Antenna

Extend the range of handheld or portable radios. Trimmable 17-7 PH stainless steel radiator is cut to ¼ wavelength for low SWR and unity gain from 140 to 500 MHz. Trim chart included. Highly efficient mylar protected magnetic mount attaches conveniently to magnetic compatible surfaces. No drilling! Supplied with 10 ft. of mini-coax with BNC connector, 23" H



## Collinear

### Series Fed Mobile Antennas

**SF-2 144 MHz 3.4dB**

**SF-220 220 MHz 3.4dB**

- Power rating: 100 watts
- 3/8" x 24 thread,
- SF-2 51" SF-220 34 5/8" tall
- 5/8 wave

**RX-2 144 MHz 3.4dB**

**RX-220 220 MHz 3.4dB**

**RX-440 440 MHz 5.0dB**

- Coil same as above
- RX-2 53 5/8" RX-220/36 5/8"
- Rx-440 27 5/8" tall
- 3 oz magnet
- 15 ft RG-58/U coax
- PL-259 connector



## Collinear High Gain

### Mobile Antenna

**CG-144 5.2dB 6 MHz B.W.**

**CG-220 5.2dB 4 MHz B.W.**

- Power rating: 200 watts
- 3/8"x24 thread
- 5/8 over ¼ wave
- Collinear design
- CG-144 7' 1" CG-220 4' 9"
- **CGT-144 5.2dB 6 MHz B.W.**
- **CGT-220 5.2dB 4 MHz B.W.**

- Coil same and same height as above
- Swivel ball for vertical positioning
- Quick disconnect for easy removal
- Trunk mount base

### MKR-2 Radial Kit

Used to convert RX, SF & CG series coils to fixed station operation. Mount can accept any 3/8x24 threaded coil and contains three radials 19" H x 26" W

MKR-2



## New-Tronics Ltd

225 Van Story  
Mineral Wells, Texas 76067-9563

# VHF and UHF Mobile Antennas

## MX Series NMO Magnetic Mount Antenna

**MX-2 144 MHz 3.4dB 53 7/8" H**

**MX-220 220 MHz 5.0dB 36" H**

**MX-440 440 MHz 5.0dB 38" H**

- Power rating: 200 watts
- Chrome top
- NMO style coil
- 10 oz magnet
- 17 ft RG58/U coax & PL-259 connector

**MX-2B 144 MHz 3.4dB 54 1/2" H**

**MX-440B 440 MHz 5.0dB 38" H**

- Same as above but all black coil



## BBG Series NMO Swivel Ball & Spring Antenna

**BBG-144 3.4dB 55 1/2" H**

**BBG-440-5 5.0dB 37 1/4" H**

- Power rating: 200 watts
- NMO style coil
- Chrome top, swivel ball and spring

**BBGT-144 3.4dB 56" H**

**BBGT-440-5 5.0dB 38 3/4" H**

- Same coil as above
- Includes Trunk mount
- 17 ft RG58/U coax & PL-259 connector



## Dual Band 2 meter/ 70cm Mobile Antennas

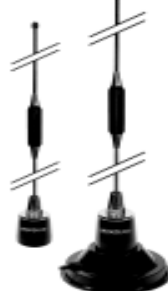
Hustler's new Dual Band antennas are designed to perform even in the toughest environments. Base coils are ultrasonically welded to ensure mechanical integrity and durability.

### LMC-270

- 2.4 dB/4.0 dB gain
- Power rating: 100 watts
- NMO style coil
- Coil and whip only 37 3/8" H

### MX-270

- 2.4 dB/4.0 dB gain
- Power rating: 100 watts
- NMO style magnetic mount
- 17 ft RG58/U coax & PL-259 connector 39 3/8" H



## LM Series NMO Coils

LMG, LMC AND LMB Antennas are coil & whip only and require an NMO mount.

**LMG-144 3.4 dB 51 1/2" H**

**LMG-440-5 5.0 dB 38 3/8" H**

- Power rating: 200 watts
- NMO style coil

- Chrome top and bottom

- Contact-silver plated push pin

**LMC-144 3.4 dB 50 7/8" H**

**LMC-440-5 5.0 dB 37 7/8" H**

- Power rating: 200 watts
- NMO style coil

- Black coil with chrome top

**LMB-144 3.4 dB 50 3/4" H**

**LMB-440-5 5.0 dB 37 7/8" H**

- Power rating: 200 watts
- NMO style coil

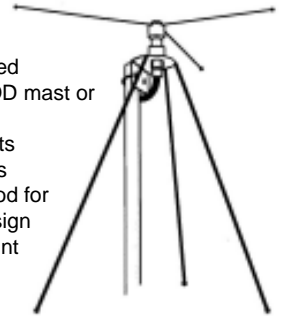


## Scanner Base Station Antenna

Hear more at a greater distance with Hustler's external omnidirectional scanner antennas.

### DCX

- 40 – 950 MHz
- Vertically polarized
- Mounts to 1 ¼" OD mast or flat surface
- 55" cone elements
- 20" disc elements
- Solid aluminum rod for high strength design
- Hardware & mount included
- 52" H 58" W



### DCL

- Same as DCX
- 50 ft RG58/U coax with PL-259 on one end and BNC on the other end

## Mobile Scanner Antenna

Hear all of the action in your car. Covers 30-50, 148-174, 430-450, 800-950 MHz

### MRM

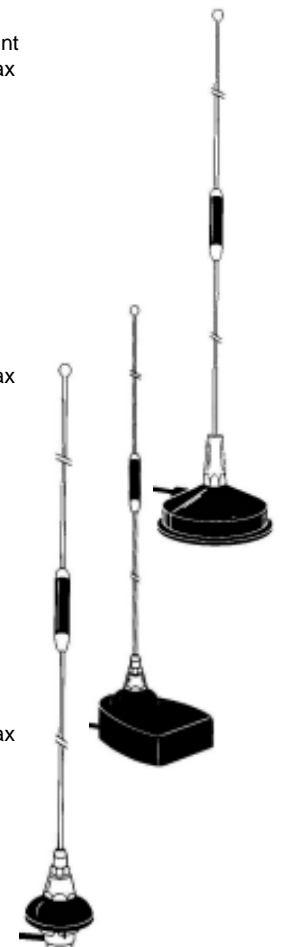
- 3 oz Magnet mount
- 12 ft RG58/U coax
- BNC connector
- 34 1/8" H

### MOT

- Trunk mount
- 15 ft RG58/U coax
- BNC connector
- 34 7/8" H

### MOR

- ¾" Roof or deck mount
- 12 ft RG58/U coax
- BNC connector
- 33 5/8" H



Phone: 940.325.1386

Toll Free: 877.994.9499

Fax: 940.325.5077

041609

## UHF/VHF Mobile Mounts



### CHMA Series

- NMO style 3/8" hole mount
- 17' RG58/U coax
- Brass parts
- Silver plated pins

#### Model Connector

CHMA Butt cut  
 CHMA-B BNC  
 CHMA-P PL-259  
 CHMA-T TNC  
 CHMA-U Mini UHF



### CHMB Series

- NMO style 3/4" hole mount
- 17' RG58/U coax
- Brass parts
- Silver plated pins

#### Model Connector

CHMB Butt cut  
 CHMB-B BNC  
 CHMB-P PL-259  
 CHMB-T TNC  
 CHMB-U Mini UHF



### CMMA Series

- NMO style 10 oz Magnetic mount
- Black Mylar pad
- 17' RG58/U coax
- Brass parts
- Silver plated pins
- 1 3/4" H

#### Model Connector

CMMA PL-259



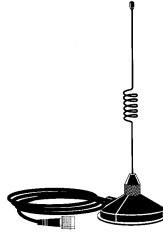
### CTMA Series

- NMO style Trunk lip mount
- 17' RG58/U coax
- Brass parts
- Silver plated pins
- 1 3/4"

#### Model Connector

CTMA Butt cut  
 CTMA-B BNC  
 CTMA-P PL-259  
 CTMA-T TNC  
 CTMA-U Mini UHF

## 800 MHz Mobile Antennas

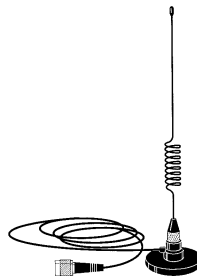


### CMT Series

- 3 oz magnetic mount
- Gain: 3.2 dB
- Bandwidth: 100 MHz @2:1
- 5/8 wavelength
- Black polyester powder coating
- Stainless steel radiator
- 12 ft RG58/U coax with connector

#### Model Connector

CMT-800 TNC  
 CMT-800 M Mini UHF  
 CMT-800SMA SMA male



### MC Series

- 1 oz (2" diameter) magnetic mount
- Gain: 3.5 dB
- Bandwidth: 100 MHz @2:1
- 5/8 wavelength
- Black polyester powder coating
- Stainless steel radiator
- 10 ft RG-174 coax with connector

#### Model Connector

MC-800 TNC  
 MC-800-M Mini UHF  
 MC-800-SMA SMA Male

## Quarter Wave NMO

### QWNMO Series

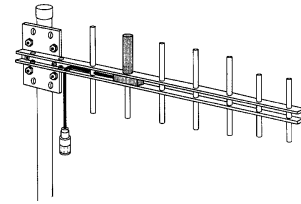
- Gain: Unity
- Power rating: 200 watts
- 1/4 wavelength
- Chrome bottom
- Stainless steel radiator
- 50 Ohms Impedance

#### Model Connector

QWNMO-144 NMO  
 QWNMO-440 NMO  
 QWNMO-806 NMO



## YAGI 800/900 MHz Antennas

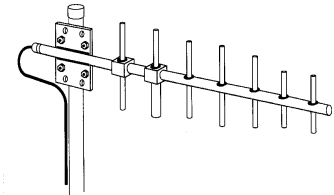


### YU Yagi Series

- Environment: Standard - U channel design welded from the inside to enhance electrical performance
- Freq. Range: 806-960
- Power rating: 500 watts
- Polarization: Vertical
- Gain: 10dBd
- Vertical Beamwidth: 40 degrees
- Horizontal Beamwidth: 55 degrees
- Lightning protection: Direct ground
- Connector: TNC or Mini UHF pigtail
- Stainless steel hardware
- All aluminum welded and sealed electrical components prevents intermodulation and corrosion.

#### Model MHz

YU10-80669 806-869  
 YU10-82496 824-896  
 YU10-89060 890-960



### YG Yagi Series

- Environment: Harsh - Heavy tubular wall aluminum O-ring construction seals out moisture and prevents intermodulation.
- Freq. Range: 806-960
- Power rating: 500 watts
- Polarization: Vertical
- Gain: 10dBd
- Vertical Beamwidth: 40 degrees
- Horizontal Beamwidth: 55 degrees
- Lightning protection: Direct ground
- Connector: "N" connector
- Stainless steel hardware
- All aluminum welded and sealed electrical components prevents intermodulation and corrosion.

#### Model MHz

YG10-80669 806-869  
 YG10-82496 824-896  
 YG10-89060 890-960

## YAGI CABLE

COAX 8240-20  
 20ft RG58/U Female Mini and Male TNC  
 COAX 8240-50  
 50ft RG58/U Female Mini and Male TNC

## 11 METER ANTENNAS

### SCB (22" shaft)

### SCB-S (9" shaft)

Designed to meet the most demanding applications, the SCB sets new standards in electrical performance as well as durability. The large diameter, high efficiency coil is computer designed to the optimum length/diameter ratio. This results in a coil capable of easily covering 120 channels at 1000 watts power levels. The lower half of the SCB is constructed from a 3/4 inch diameter, solid stainless steel rod that is virtually indestructible. A stainless steel spring is mounted on the top of the coil where shock absorption is most effective. Chrome caps, black coil and mates with 3/8 X 24 mounts.

piece black plastic housing with shock resistant impact spring covers the coil and powerful magnetic mount. 41 inches tall, includes 15 ft of coax.



### F-3

3 foot black fiberglass whip. Wound on a heavy-duty 3/8 inch diameter fiberglass rod. Pretuned top loaded coil 1/4 wavelength design. Solid 16 gauge copper magnet wire. Chrome plated mounting adapter. Mil-Spec Polyolefin sheath to resist the elements. Fits all 3/8 x 24 threaded mounts.



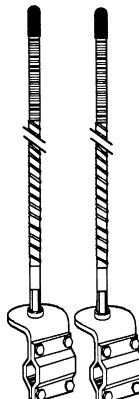
### F-60

3 foot black fiberglass whip. Wound on a heavy-duty 3/8 inch diameter fiberglass rod. Pretuned top loaded coil 1/4 wavelength design. Solid 16 gauge copper magnet wire. Chrome plated mounting adapter. Mil-Spec Polyolefin sheath to resist the elements. High quality 3-way aluminum mirror mount and 12 feet RG58/U coax.



### F-61

Dual 3 foot black fiberglass whip. Wound on a heavy-duty 3/8 inch diameter fiberglass rod. Pretuned top loaded coil 1/4 wavelength design. Solid 16 gauge copper magnet wire. Chrome plated mounting adapter. Mil-Spec Polyolefin sheath to resist the elements. High quality 3-way aluminum mirror mount and 18 feet cophase harness.



### F-4

4 foot black fiberglass whip. Wound on a heavy-duty 3/8 inch diameter fiberglass rod. Pretuned top loaded coil 1/4 wavelength design. Solid 16 gauge copper magnet wire. Chrome plated mounting adapter. Mil-Spec Polyolefin sheath to resist the elements. Fits all 3/8 x 24 threaded mounts



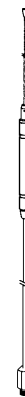
### F-62

4 foot black fiberglass whip. Wound on a heavy-duty 3/8 inch diameter fiberglass rod. Pretuned top loaded coil 1/4 wavelength design. Solid 16 gauge copper magnet wire. Chrome plated mounting adapter. Mil-Spec Polyolefin sheath to resist the elements. High quality 3-way aluminum mirror mount and 12 feet RG58/U coax.



### HQ-27

Only 55 inches tall the HQ-27 has remained one of the premier antennas on the market. The slim design eliminates high wind resistance. A 1/4 wave-length centerload black coil with chrome plated adapters. Mil-Spec Polyolefin sheath to resist the elements. Stainless steel shaft and 17-7 ph whip. Fits all 3/8 x 24 threaded mounts.



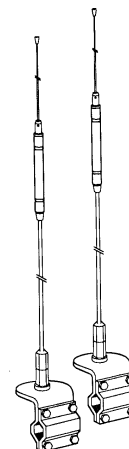
### HQT

The HQT is a rugged, reliable antenna designed for the professional drives. It combines our well know HQ-27 antenna on high quality 3-way mirror mount. All fittings are 3/8 x 24 for easy addition of springs and accessories. Only 51 inches tall, the HQT comes with 12 feet of coax with PL-259 connectors.



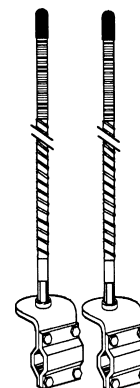
### HQD

The HQD is a Dual antenna designed for the professional drives. It combines our well know HQ-27 antenna on high quality 3-way mirror mount. All fittings are 3/8 x 24 for easy addition of springs and accessories. Only 51 inches tall, the HQT comes with 17 feet cophase harness with PL-259 connectors.



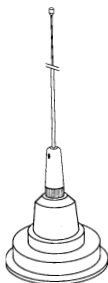
### F-63

Dual 4 foot black fiberglass whip. Wound on a heavy-duty 3/8 inch diameter fiberglass rod. Pretuned top loaded coil 1/4 wavelength design. Solid 16 gauge copper magnet wire. Chrome plated mounting adapter. Mil-Spec Polyolefin sheath to resist the elements. High quality 3-way aluminum mirror mount and 18 feet cophase harness



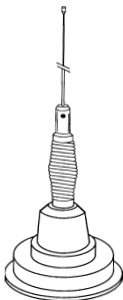
### 1C-100

Our newest magnetic mount antenna, the 1C-100 offers reliable tuning, solid performance and quality construction. A one-piece black plastic housing covers the coil and powerful magnetic mount. 41 inches tall, includes 15 ft of coax.



### 1C-100S

Our newest deluxe magnetic mount antenna, the 1C-100S offers reliable tuning, solid performance and quality construction. A one-piece black plastic housing with shock resistant impact spring covers the coil and powerful magnetic mount. 41 inches tall, includes 15 ft of coax.



### 1C-56P

A 102 inch whip antenna made from the finest 17-7 stainless steel, which resists bending and kinking. This material is so tough it can be bent 180 degrees and will spring back to its original shape with no significant bend incurred. Excellent for off-road. Fits all 3/8 x 24 threaded mounts.

