Antennas: Switches

**Manual Antenna Switches**
Alpha Delta antenna switches have precision-machined, low loss components for reliable service. Grounded unselected antenna ports and ARC-PLUG™ lightning surge protectors provide the final line of protection.

- **MFJ-DELTA-2B** 2-Position Coax Switch, SO-239 Connector $59.95
- **MFJ-DELTA-2B-N** 2-Position Coax Switch, N-Connector $74.95
- **MFJ-DELTA-4B** 4-Position Coax Switch, SO-239 Connector $89.95
- **MFJ-DELTA-4B-N** 4-Position Coax Switch, N-Connector $99.95
- **MFJ-ASC-4B** 4-Position Desk Console Switch, SO-239 Connector $149.95
- **MFJ-ASC-4B-N** 4-Position Desk Console Switch, N-Connector $159.95
- **MFJ-D4** Replacement ARC-PLUG $9.95

**Wideband Coax Switches**

Diamond Antennas offers an extensive line of station accessories: duplexers/triplexers, switches, dummy loads and lightning protection. Maximize your installation; Diamond Antennas has the gear to help you do it.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMN-CX210A</td>
<td>Wideband Coax Switch, 1,500 W Max. DC-1000 MHz, SO-239</td>
<td>$49.95</td>
</tr>
<tr>
<td>DMN-CX210N</td>
<td>Wideband Coax Switch, 1,500 W Max. DC-1000 MHz, Type N Connector</td>
<td>$79.95</td>
</tr>
<tr>
<td>DMN-CX310A</td>
<td>Wideband Coax Switch, 3-Position, DC-800 MHz, SO-239</td>
<td>$89.95</td>
</tr>
</tbody>
</table>

**Manual Antenna Switches**

Perfect for switching one radio between two antennas (or two radios between one antenna), these rugged switches offer excellent isolation and auto-grounding of the unused terminal for extra protection.

Daiva’s CS-201GI has a frequency range up to 2 GHz, 50 dB of isolation at 1 GHz and an insertion loss below 1.2 dB at 1.2 GHz. Gold plated Type N connectors make for easy installation.

- **CS-201GI** 2-Position Coax Switch, 2 GHz $48.95
- **CS-201A** 2-Position Coax Switch, 600 MHz $32.95

**RCS-4 Remote Antenna Switch**

The Ameritron RCS-4 is a Four-Position Remote Antenna Switch which is powered through the coax cable. The relay switch box may be tower, mast or wall mounted—the control console is located at your operating position. It features bright LED indicators, a steel enclosure, 50 ms switching time and SO-239 connectors. It uses three heavy-duty 10 ampere contact relays on a rugged fiberglass circuit board. The RCS-4 operates from 120 Vac power source, and covers 1.8 to through 30 MHz at 1,500 watts.

- **RCS-4** 1.5 kW Four Position RF Switch $149.95

**Band Decoder/Antenna Selector Modules**
A critical part of a homebrew automatic antenna switch system, these modules are designed to work with the Elecraft K3 or Yaesu Radios, or your computer. They decode the band-select signals from your transmitter (or computer) and automatically select the right antenna for the band you’re using. They virtually eliminate the risk of transmitting on the wrong band.

- **UMS-HSD-9** High-Side Drivers Module $18.95
- **UMS-BCD-10** Band Decoder/Antenna Selector Module, 100-10M $23.95
- **UMS-HSD-9** High-Side Drivers Module $14.95

**Multi-Conductor Control Wire**

- **DXE-CW9** Shielded Control Wire, 9-Conductor $0.32 per foot
- **DXE-CW9-1K** Shielded Control Wire, 9-Conductor, 1,000 Foot Spool $229.00
- **DXE-CW9S** Shielded Control Wire, 9-Conductor Stranded $0.38 per foot
- **DXE-CW8** Control Wire, 8-Conductor $0.48 per foot
- **DXE-CW8S** Control Wire, 8-Conductor, Heavy-Duty $0.90 per foot
- **DXE-CW8S-HD-1000** Control Cable, 8-Conductor, Heavy-Duty, 1,000 Foot Spool $835.75
- **COM-CW3** Cable, 3-Conductor $0.25 per foot
- **COM-CW4** Cable, 4-Conductor $0.29 per foot

More Products, Specs and Photos at DXEngineering.com
**DX Engineering's Symmetrical Design—Highest Reliability and Performance!**

**Remote Antenna Switches**

Installation of these remote antenna switches is hassle-free. There's no need to remove the cover to install the control cable—it plugs in with an external connector. You can use inexpensive CAT-5 cable to connect between the relay switch and the controller at the operator position.

The DX Engineering RF Switch also provides great SWR and superior port-to-port isolation.

**DX Engineering RF Switches** have a port-to-port isolation of greater than 60 dB for all ports, not just the best port. This is the finest port isolation of all the coax switches we have tested—and we have tested ALL of the major brands. In fact, one particular major manufacturer's switches tested as low as 30 dB. None of the tested switches have a port-to-port isolation as high as DX Engineering's switches.

This is one component in your station that should be the very best!

**Features**
- Fully RF-shielded with UV-resistant high-impact cover
- Can select individual or multiple ports for stacking, stainless steel mounting bracket and hardware and phased array applications
- Lightning protection standard
- Safe 12-volt relay operation
- Solderless, removable plug for easy installation of control wire
- Unused antenna ports can be jumpered for open control line with no disassembly or shorted to ground
- Can be wired without disassembly

The DXE-RR8B-HP uses 16 relays (2 per port) in a star arrangement to provide greater than 70 dB of port-to-port isolation. It is designed to switch coaxial lines in RF systems operating up to 5 kW continuous duty. The DXE-RR8B-SO is the largest switch in the RR8 series, designed to switch coaxial lines in high power RF systems up to 10 kW continuous duty.

**Specifications**
- Port Isolation ( Worst Case): 70 dB (RR8B-HP), 60 dB (RR8B-SO)
- Sealed RF Relays: 20 amps (HP), 25 amps (SD)
- Power Rating (SD): 2-1 Swr at 30 MHz; 7 kW ICAS/5 kW CCS (HP), 10 kW ICAS/CCS (SD)
- Power Rating (SD): 14 Vdc/100 mA (HP), 14 Vdc/160 mA (SD)
- Loss (HP): <0.03 dB below 60 MHz, <0.16 dB below 150 MHz
- Loss (SD): <0.03 dB below 30 MHz, <0.16 dB below 60 MHz
- Impedance: 50Ω
- Control Line: 8-wire plus ground, #24 up to 1,000’ (DXE-CW9S)

**DX Engineering RF Switches and Console Combos**

These switches are eligible for 35 DX Bucks, see inside front cover for details.

- **DXE-RR8B-HP** 5 kW Key-Down RF Switch  
  - Highest isolation  
  - 5 kW rating  
  - Usable to 150 MHz  
  - Excellent isolation

- **DXE-RR8B-SD** 10 kW Key-Down RF Switch  
  - 10 kW rating  
  - Usable to 60 MHz  
  - Excellent isolation

- **DXE-RCC-8A** Deluxe Control Console  
  - 8-Position Control Console  
  - $189.95

**DX Engineering Accessories**

- **DXE-RLY-HP** SPDT 5 kW Sealed RF Relay, Board-Mount  
  - $10.95

- **DXE-RLY-SD** SPDT DM/DB 10 kW RF Relay, Board-Mount  
  - $23.95

- **DXE-CW9S** Shielded Control Wire, 9-Conductor Stranded  
  - $0.38 per foot

**Proven Products, Expert Advice, Same-Day Shipping**
Super Hi-Q Loop Antennas

If you're short on space, but don't want to compromise on performance, look to MFJ's line of Super Hi-Q Loop Antennas. These compact loops have a 36 inch diameter, which means they'll fit in apartments, attics, small lots and RVs. The Hi-Q Loop Antennas include a controller with auto band selection, and no control cables are necessary. Included with each antenna is MFJ's "Super Remote," which gives you a built-in cross-needle SWR/watt meter that lets you quickly tune to your exact frequency. The antennas handle 150 watts and, depending on the model, they cover the WARC bands.

- MFJ-1786 Super Hi-Q Loop Antenna with Remote, 30-10M, 120 Vac $419.95
- MFJ-1786X Super Hi-Q Loop Antenna with Remote, 30-10M, 220 Vac $419.95
- MFJ-1788 Super Hi-Q Loop Antenna with Remote, 40-15M, 120 Vac $469.95
- MFJ-1788X Super Hi-Q Loop Antenna with Remote, 40-15M, 220 Vac $469.95

Mini-Loop Antenna Kits and Tuners

These PVC Cross Loop Antenna kits are the perfect compliment to MFJ’s 933/935C/936B loop tuners. The 4.5 x 4.5 foot PVC cross mounts break down to fit in a suitcase or duffle bag—making it perfect for portable multi-band operation.

- MFJ-57B Loop Antenna Kit, 20-15 Meters $29.95
- MFJ-58B Loop Antenna Kit, 60-10 Meters $49.95
- MFJ-933 Loop Tuner, 150 Watts, 5.3-30 MHz $179.95
- MFJ-935B Loop Tuner, 150 Watts, Current Meter, 5.3-30 MHz $199.95
- MFJ-936B Loop Tuner, 150 Watts, Current/SWR/Wattmeter, 5.3-30 MHz $249.95

Auto Tuned Stealth Antenna (ATSA)

Great for EMCOMM—Assemble and Deploy in Minutes!

Do you live in an area where antennas are not allowed? DX Engineering has designed a complete antenna system that allows Amateur Radio operators living under the shadow of HOA-controlled areas to get on the air easily. Even with a short 26 foot wire antenna, you can typically be on the air on all bands 40 meters and up. With only 45 feet of wire you can be on all bands from 80 through 10 meters! That’s because the unique ATSA MatchBoxx™ module lets you use almost any length wire—no more “forbidden” lengths as with other end-fed systems.

Most small, physically short antennas exhibit narrow bandwidth, limiting your operating frequency range on the lower bands to 50 to 100 kHz with acceptable SWR. The ATSA’s integral auto tuner always delivers the lowest possible SWR at any operating frequency with no operator adjustments necessary. Just change bands and the ATSA antenna will follow you!

- DXE-ATSA-1 ATSA Multi-Band HF Antenna System $539.95
- DXE-SA80-AOK Stealth Antenna 80M Tuning Coil Add-On Kit $99.95
- DXE-SA15-AOK Stealth Antenna 15M Tuning Coil Add-On Kit $99.95

Tech Support: DXEngineering.com/TechArticles

Looking for guidance on your next project? Need advice to optimize your amateur radio operation? Ask our ham radio experts a tech question, search our huge FAQ archive or browse our library of technical articles.

The DXE-BAL050-H05-A 1:1 balun is shown installed with the optional DXE-UWA-KIT Universal Wire Antenna Center-T (U.S. Patent No. 7,764,344) insulator
### Comet Duplexers

<table>
<thead>
<tr>
<th>Model</th>
<th>Frequency</th>
<th>PEP</th>
<th>Loss</th>
<th>Isolation</th>
<th>Mix Connector</th>
<th>Port Connector</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMN-MX200</td>
<td>1.5-60 MHz</td>
<td>200 W</td>
<td>.2 dB</td>
<td>40 dB</td>
<td>SO-239</td>
<td>PL-259, 12&quot; SD Cable</td>
<td>$69.95</td>
</tr>
<tr>
<td>DMN-MX300</td>
<td>1.3-30 MHz</td>
<td>200 W</td>
<td>.2 dB</td>
<td>60 dB</td>
<td>Type N (F)</td>
<td>Type N (M)</td>
<td>$59.95</td>
</tr>
<tr>
<td>DMN-MX400</td>
<td>1.3-40 MHz</td>
<td>200 W</td>
<td>.2 dB</td>
<td>60 dB</td>
<td>Type N (F)</td>
<td>Type N (M)</td>
<td>$69.95</td>
</tr>
</tbody>
</table>

### Comet Triplexers

<table>
<thead>
<tr>
<th>Model</th>
<th>Frequency</th>
<th>PEP</th>
<th>Loss</th>
<th>Isolation</th>
<th>Mix Connector</th>
<th>Port Connector</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMN-MX200</td>
<td>1.5-60 MHz</td>
<td>200 W</td>
<td>.2 dB</td>
<td>40 dB</td>
<td>SO-239</td>
<td>PL-259, 12&quot; SD Cable</td>
<td>$69.95</td>
</tr>
<tr>
<td>DMN-MX300</td>
<td>1.3-30 MHz</td>
<td>200 W</td>
<td>.2 dB</td>
<td>60 dB</td>
<td>Type N (F)</td>
<td>Type N (M)</td>
<td>$59.95</td>
</tr>
<tr>
<td>DMN-MX400</td>
<td>1.3-40 MHz</td>
<td>200 W</td>
<td>.2 dB</td>
<td>60 dB</td>
<td>Type N (F)</td>
<td>Type N (M)</td>
<td>$69.95</td>
</tr>
</tbody>
</table>

### Diamond Duplexers

<table>
<thead>
<tr>
<th>Model</th>
<th>Frequency</th>
<th>PEP</th>
<th>Loss</th>
<th>Isolation</th>
<th>Mix Connector</th>
<th>Port Connector</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMN-MX200</td>
<td>1.5-60 MHz</td>
<td>200 W</td>
<td>.2 dB</td>
<td>40 dB</td>
<td>SO-239</td>
<td>PL-259, 12&quot; SD Cable</td>
<td>$69.95</td>
</tr>
<tr>
<td>DMN-MX300</td>
<td>1.3-30 MHz</td>
<td>200 W</td>
<td>.2 dB</td>
<td>60 dB</td>
<td>Type N (F)</td>
<td>Type N (M)</td>
<td>$59.95</td>
</tr>
<tr>
<td>DMN-MX400</td>
<td>1.3-40 MHz</td>
<td>200 W</td>
<td>.2 dB</td>
<td>60 dB</td>
<td>Type N (F)</td>
<td>Type N (M)</td>
<td>$69.95</td>
</tr>
</tbody>
</table>

### Diamond Triplexers

<table>
<thead>
<tr>
<th>Model</th>
<th>Frequency</th>
<th>PEP</th>
<th>Loss</th>
<th>Isolation</th>
<th>Mix Connector</th>
<th>Port Connector</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMN-MX200</td>
<td>1.5-60 MHz</td>
<td>200 W</td>
<td>.2 dB</td>
<td>40 dB</td>
<td>SO-239</td>
<td>PL-259, 12&quot; SD Cable</td>
<td>$69.95</td>
</tr>
<tr>
<td>DMN-MX300</td>
<td>1.3-30 MHz</td>
<td>200 W</td>
<td>.2 dB</td>
<td>60 dB</td>
<td>Type N (F)</td>
<td>Type N (M)</td>
<td>$59.95</td>
</tr>
<tr>
<td>DMN-MX400</td>
<td>1.3-40 MHz</td>
<td>200 W</td>
<td>.2 dB</td>
<td>60 dB</td>
<td>Type N (F)</td>
<td>Type N (M)</td>
<td>$69.95</td>
</tr>
</tbody>
</table>

Tri-Band

Six-Band Mobile Antenna, 76" high ........................................
CMA-UHV-6 40M/15M/10M/6M/2M/70cm

for your needs. You find one that's perfect at the chart; it is easy to conditions. Take a look even in less-than-ideal makes them portable, rugged durability Day or EMCOMM. Their mobile antennas are effective, reliable and durable mobile antennas. There are options for every common band, plus Comet lets you take your show on the road with a vast selection of

Tri-Band Mobile Antennas

Multi-Band Mobile Antennas

Combine incredible frequency coverage in a rugged package, and you get these versatile antennas from Comet. You can make SWR adjustments independently and achieve SWR levels lower than a single-band antenna.

A fold-over hinge is included with both models, handy for low overhangs and they have a PL-259 connector. Available in quad-band and six-band models, these antennas are a great option if you want extended mobile coverage without turning your vehicle’s roof into an antenna farm.

In addition to use in your vehicle, these mobile antennas are also great for Field Day or EMCOMM. Their rugged durability makes them portable, even in less-than-ideal conditions. Take a look at the chart; it is easy to find one that’s perfect for your needs. You can get all the specs at DREngineering.com.

Mobile Antennas

Comet lets you take your show on the road with a vast selection of effective, reliable and durable mobile antennas. There are options for every common band, plus dual-band and tri-band antennas too. Comet also gives you several different antenna styles to ensure the installation in your vehicle stays clean and unobtrusive.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Height</th>
<th>Band(s)</th>
<th>Gain</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMA-SBB-123</td>
<td>Monoband Mobile Antenna, Black, Type N Mount</td>
<td>24&quot;</td>
<td>2 Meter</td>
<td>7.2 dBi</td>
<td>$54.95</td>
</tr>
<tr>
<td>CMA-R-2000</td>
<td>Monoband Mobile Antenna, Chrome, Type N Mount</td>
<td>19.25&quot;</td>
<td>33 cm</td>
<td>5.1 dBi</td>
<td>$42.95</td>
</tr>
<tr>
<td>CMA-TA-3</td>
<td>Monoband Mobile Antenna, Black, Type N Mount</td>
<td>26&quot;</td>
<td>33 cm</td>
<td>6.2 dBi</td>
<td>$59.95</td>
</tr>
<tr>
<td>CMA-SBB-25</td>
<td>Monoband Mobile Antenna, Black, UHF Mount</td>
<td>57&quot;</td>
<td>2 Meter</td>
<td>4.1 dBi</td>
<td>$48.95</td>
</tr>
<tr>
<td>CMA-SBB-25NMO</td>
<td>Monoband Mobile Antenna, Black, NMO Mount</td>
<td>57&quot;</td>
<td>2 Meter</td>
<td>4.1 dBi</td>
<td>$48.95</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Height</th>
<th>Band(s)</th>
<th>Gain</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMA-SBB-14</td>
<td>Tri-Band Mobile Antenna Black, Fold-Over, UHF Base</td>
<td>43&quot;</td>
<td>6 Meter 70cm</td>
<td>3.5 dBi 6 dBi</td>
<td>$59.95</td>
</tr>
<tr>
<td>CMA-SBB-14NMO</td>
<td>Tri-Band Mobile Antenna Black, Fold-Over, NMO Base</td>
<td>43&quot;</td>
<td>6 Meter 70cm</td>
<td>3.5 dBi 6 dBi</td>
<td>$67.95</td>
</tr>
<tr>
<td>CMA-SBB-15</td>
<td>Tri-Band Mobile Antenna Black, Fold-Over, UHF Base</td>
<td>61&quot;</td>
<td>6 Meter 70cm</td>
<td>2.4 dBi 4.5 dBi 7.2 dBi</td>
<td>$84.95</td>
</tr>
<tr>
<td>CMA-SBB-224</td>
<td>Tri-Band Mobile Antenna Black, Fold-Over, UHF Base</td>
<td>36&quot;</td>
<td>2 Meter 70cm</td>
<td>2.1 dBi 3.5 dBi 6 dBi</td>
<td>$79.95</td>
</tr>
<tr>
<td>CMA-SBB-224NMO</td>
<td>Tri-Band Mobile Antenna Black, Fold-Over, NMO Base</td>
<td>36&quot;</td>
<td>1.25 Meter 70cm</td>
<td>2.1 dBi 3.5 dBi 6 dBi</td>
<td>$78.95</td>
</tr>
<tr>
<td>CMA-SBB-97</td>
<td>Tri-Band Mobile Antenna Black, Fold-Over, Type N Base</td>
<td>39&quot;</td>
<td>70cm 1.2 GHz</td>
<td>3.0 dBi 6.8 dBi 9.6 dBi</td>
<td>$79.95</td>
</tr>
</tbody>
</table>

Orders by 10 pm ET Ship Same Day, See Page 64 for Details
Mobile Antenna Mounts
You've invested a lot of time and money in your mobile antenna, now make sure it stays put with a genuine Comet Antenna Mount. Comet gives you several mounting options and many require no drilling, so there are no unsightly holes to cover up. Whatever your antenna size may be, there's a quality mount available for it. Some mounts come in kit form, complete with cable assemblies and connectors. Others allow you the freedom to choose how to connect your antenna. Drive safe and operate as assemblies and connectors. Others allow you the freedom to choose how to connect your antenna. Drive safe and operate as you like.

Comet gives you several mounting options to choose how to connect your antenna. Drive safe and operate assemblies and connectors. Others allow you the freedom to choose how to connect your antenna. Drive safe and operate as you like. Whether your Comet gives you several mounting options to choose how to connect your antenna. Drive safe and operate assemblies and connectors. Others allow you the freedom to choose how to connect your antenna. Drive safe and operate as you like. Whether your

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Base Type</th>
<th>Includes</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMA-3D4M</td>
<td>Standard Mobile Lip-Mount Cable Assembly</td>
<td>UHF (SO-239)</td>
<td>Mount, 13' of Coax, O-Ring, SO-239/PL-259 Cable Connectors</td>
<td>$27.95</td>
</tr>
<tr>
<td>CMA-3D4N</td>
<td>Standard Mobile Lip-Mount Cable Assembly</td>
<td>Type N</td>
<td>Mount, 13' of Coax, O-Ring, SO-239/PL-259 Cable Connectors</td>
<td>$29.95</td>
</tr>
<tr>
<td>CMA-3D5M</td>
<td>Standard Mobile Lip-Mount Cable Assembly</td>
<td>UHF (SO-239)</td>
<td>Mount, 16.5' of Coax, O-Ring, SO-239/PL-259 Cable Connectors</td>
<td>$29.95</td>
</tr>
<tr>
<td>CMA-3DN</td>
<td>Mobile Mount Cable Assembly</td>
<td>Type N</td>
<td>Mount, 13' of Coax, O-Ring, Type N Cable Connectors</td>
<td>$34.95</td>
</tr>
<tr>
<td>CMA-CK-3-3-8-24</td>
<td>Deluxe Mobile Mount Cable Assembly</td>
<td>3/8&quot;-24 Receptacle</td>
<td>Mount, 16' of Coax, O-Ring, S-239/PL-259 Cable Connectors</td>
<td>$42.95</td>
</tr>
<tr>
<td>CMA-CK-3M</td>
<td>Deluxe Mobile Mount Cable Assembly</td>
<td>UHF (SO-239)</td>
<td>Mount, 9.75' of Coax, O-Ring, SO-239/PL-259 Cable Connectors</td>
<td>$35.95</td>
</tr>
<tr>
<td>CMA-CK-3MS</td>
<td>Deluxe Mobile Mount Cable Assembly</td>
<td>UHF (SO-239)</td>
<td>Mount, 16' of Coax, O-Ring, SO-239/PL-259 Cable Connectors</td>
<td>$42.95</td>
</tr>
<tr>
<td>CMA-CK-3NMO</td>
<td>Deluxe Mobile Mount Cable Assembly</td>
<td>NMO</td>
<td>Mount, 9.75' of Coax, O-Ring, NMO/PL-259 Cable Connectors</td>
<td>$42.95</td>
</tr>
<tr>
<td>CMA-CK-5N</td>
<td>Deluxe Mobile Mount Cable Assembly (for RS-730)</td>
<td>Type N</td>
<td>Mount, 16' of Coax, O-Ring, Type N Cable Connectors</td>
<td>$44.95</td>
</tr>
<tr>
<td>CMA-CM-3M</td>
<td>Mobile Antenna Magnet Mount</td>
<td>UHF (SO-239)</td>
<td>Mount, 16' of Coax, SO-239 and PL-259 Cable Connectors</td>
<td>$69.95</td>
</tr>
<tr>
<td>CMA-CP-5M</td>
<td>Mobile Antenna Adjustable Lip Mount</td>
<td>UHF (SO-239)</td>
<td>Mount, 16' of Coax, SO-239 and PL-259 Cable Connectors</td>
<td>$69.95</td>
</tr>
<tr>
<td>CMA-CP-5NMO</td>
<td>Mobile Antenna Adjustable Lip Mount</td>
<td>NMO</td>
<td>Mount, 16' of Coax, NMO and PL-259 Cable Connectors</td>
<td>$69.95</td>
</tr>
<tr>
<td>CMA-CR-5M</td>
<td>Standard Cable Assembly</td>
<td>UHF (SO-239)</td>
<td>Mount, 16' of Coax, SO-239 and PL-259 Cable Connectors</td>
<td>$21.95</td>
</tr>
<tr>
<td>CMA-HD-5-3-9-24</td>
<td>Mobile Antenna Adjustable Lip Mount</td>
<td>3/8&quot;-24 Receptacle</td>
<td>Mount, 16' of Coax, Rubber Pad, Set Screws, PL-259 Connector</td>
<td>$69.95</td>
</tr>
<tr>
<td>CMA-HD-5M</td>
<td>Mobile Antenna Adjustable Lip Mount</td>
<td>UHF (SO-239)</td>
<td>RS-840 Bracket, CK-3M Cable Assembly</td>
<td>$69.95</td>
</tr>
<tr>
<td>CMA-LD-5M</td>
<td>Mobile Antenna Small Adjustable Lip Mount</td>
<td>UHF (SO-239)</td>
<td>Mount, 16' of Coax, SO-239 and PL-259 Cable Connectors</td>
<td>$55.95</td>
</tr>
<tr>
<td>CMA-MG-4N</td>
<td>Mobile Antenna Magnet Mount (2.5 GHz)</td>
<td>Type N</td>
<td>Mount, 13’ of Coax, Rain Cap, Type N Cable Connector</td>
<td>$54.95</td>
</tr>
<tr>
<td>CMA-RS-66U</td>
<td>Mobile Antenna Adjustable Roof Rack Mount</td>
<td>—</td>
<td>Mount (SO-239 Connector Required)</td>
<td>$37.95</td>
</tr>
<tr>
<td>CMA-RS-520</td>
<td>Mobile Antenna Light-Duty Adjustable Lip Mount</td>
<td>—</td>
<td>Mount (SO-239 Connector Required)</td>
<td>$28.95</td>
</tr>
<tr>
<td>CMA-RS-720</td>
<td>Mobile Antenna Med.-Duty Adjustable Lip Mount</td>
<td>—</td>
<td>Mount (SO-239 Connector Required)</td>
<td>$29.95</td>
</tr>
<tr>
<td>CMA-RS-720NMO</td>
<td>Mobile Antenna Med.-Duty Adjustable Lip Mount</td>
<td>—</td>
<td>Mount (NMO Connector Required)</td>
<td>$29.95</td>
</tr>
<tr>
<td>CMA-RS-730</td>
<td>Mobile Antenna Heavy-Duty Adjustable Lip Mount</td>
<td>—</td>
<td>Mount (Connector Required)</td>
<td>$32.95</td>
</tr>
<tr>
<td>CMA-RS-840</td>
<td>Mobile Antenna Heavy-Duty Adjustable Lip Mount</td>
<td>—</td>
<td>Mount (Connector Required)</td>
<td>$36.95</td>
</tr>
</tbody>
</table>

International Shipping is Quick and Easy! See Page 64 for Details

Mobile Antennas
Durable, powerful, mobile. MFJ gives you excellent, high-performance mobile antennas that will stand up to miles of use. Whatever band you choose, MFJ Mobile Antennas are designed with the serious operator in mind. For complete specs for any MFJ mobile antenna visit DXEngineering.com.

**Mobile HamTenna Whips, 3/8"-24**
- MFJ-1606T 6M.................. $14.95
- MFJ-1610T 10M............... $14.95
- MFJ-1615T 15M............... $14.95
- MFJ-1617T 17M............... $14.95
- MFJ-1620T 20M............... $14.95
- MFJ-1640T 40M............... $14.95
- MFJ-1675T 75M.............. $19.95
- MFJ-348T Trunk/Hatchback Mount for MFJ-1600 Series$41.95

**2M/70cm Mobile Antennas**
- MFJ-1722 UltraLite Magnet Mount, BNC, 20"........ $149.95
- MFJ-1722S UltraLite Magnet Mount, SMA, 20"........ $149.95
- MFJ-1734 Glass Mount, with Coax, 26"............ $44.95
- MFJ-1742B Magnet Mount, BNC HT Adapter, 26"........ $24.95
- MFJ-1729 Magnet Mount, BNC HT Adapter, 27.5"....... $39.95
- MFJ-1412 200 Watts, 40"........ $29.95
- MFJ-1412B 200 Watts, Black Finish, 40"........... $29.95
- MFJ-1414 200 Watts, 58.5"........ $19.95
- MFJ-1422 150 Watts, 41.5"......... $34.95
- MFJ-1422B 150 Watts, Black Finish, 41.5"........ $32.95
- MFJ-1432 150 Watts, 62.5"......... $49.95
- MFJ-1432B 150 Watts, 62.5"........ $46.95
- MFJ-1402 Ruff Rider, Short-Style.... $29.95
- MFJ-1402B Ruff Rider, Short-Style, Black Finish..... $29.95

**Mobile Antennas from MFJ**
- MFJ-1723 1.25M Mobile Antenna, Magnet Mount, SO-239 and BNC, 22.5"........ $37.95
- MFJ-1721 2M Mobile Antenna, UltraLite Magnet Mount with Coax, 20"........ $12.95
- MFJ-1738 2M Mobile Antenna, Glass Mount, SlimLine Radiator, 27"......... $34.95
- MFJ-1728B 2M/6M Mobile Antenna, Magnet Mount, BNC HT Adapter........... $26.95
- MFJ-1434 2M/1.25M/70cm Mobile Antenna, RuffRider Triple Threat, 38"........ $79.95
- MFJ-1436 6M/2M/70cm Mobile Antenna, RuffRider, Short-Style, 59".......... $59.95
- MFJ-1438 10M/6M/2M/70cm Mobile Antenna, RuffRider, Short-Style, 59"........ $59.95
- MFJ-1456 HF/6M/2M/70cm Mobile Antenna, Fold-Over Design................. $149.95

**More HF Mobile Antennas from MFJ**
- MFJ-2620T 20M Mobile Base-Loaded HF Whip, Adjusts from 22" to 54"....... $28.95
- MFJ-2640T 40M Mobile HF Antenna, Low-Profile, Adjusts from 22" to 54"..... $28.95
- MFJ-1624 40M-6M Mobile Antenna, Variable HF, Adjusts from 2.5' to 5.5'...... $89.95

Choose how to connect your antenna. Drive safe and operate as assemblies and connectors. Others allow you the freedom to choose how to connect your antenna. Drive safe and operate as you like.
Diamond offers you an extensive line of mobile antennas, so you can easily find one suited for your exact demands. These antennas are the ideal fusion of price, quality and versatility. Whether your priority is based on gain, height, power or aesthetics, there's a Diamond Antenna that's perfect for you. Check out the chart, DXEngineering.com has additional specs to help you refine your choices.

Supergainer Antennas
If you want an effective mobile wideband antenna that offers great performance without a lot of tuning and adjustment headaches, then Diamond's Supergainer series is perfect. These wideband antennas feature 24K gold plated connector pins for excellent continuity, and the fold-over design is invaluable if you face low overhead obstructions like garages or parking decks.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Height</th>
<th>Band(s)</th>
<th>Gain</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMN-HF6FX</td>
<td>Mobile Antenna, UHF Mount</td>
<td>44&quot;</td>
<td>6 Meter</td>
<td>2.1 dBi</td>
<td>$69.95</td>
</tr>
<tr>
<td>DMN-M685S</td>
<td>Mobile Antenna, UHF Mount</td>
<td>52.4&quot;</td>
<td>6 Meter</td>
<td>2.1 dBi</td>
<td>$31.95</td>
</tr>
<tr>
<td>DMN-M685NMO</td>
<td>Mobile Antenna, NMO Mount</td>
<td>52.4&quot;</td>
<td>6 Meter</td>
<td>2.1 dBi</td>
<td>$31.95</td>
</tr>
<tr>
<td>DMN-HF6CL</td>
<td>Mobile Antenna Fold-Over, UHF Mount</td>
<td>86.5&quot;</td>
<td>6 Meter</td>
<td>2.15 dBi</td>
<td>$59.95</td>
</tr>
<tr>
<td>DMN-M285</td>
<td>Mobile Antenna Trim-to-Tune, UHF Mount</td>
<td>50&quot;</td>
<td>2 Meter</td>
<td>3.4 dBi</td>
<td>$31.95</td>
</tr>
<tr>
<td>DMN-M285NMO</td>
<td>Mobile Antenna Trim-to-Tune, NMO Mount</td>
<td>50&quot;</td>
<td>2 Meter</td>
<td>3.4 dBi</td>
<td>$31.95</td>
</tr>
<tr>
<td>DMN-NR22L</td>
<td>Mobile Antenna Fold-Over, UHF Mount</td>
<td>96.8&quot;</td>
<td>2 Meter</td>
<td>6.5 dBi</td>
<td>$64.95</td>
</tr>
<tr>
<td>DMN-NR140NMO</td>
<td>Mobile Antenna Fold-Over, NMO Mount</td>
<td>36.2&quot;</td>
<td>1.25 Meter</td>
<td>3.8 dBi</td>
<td>$46.95</td>
</tr>
<tr>
<td>DMN-NR124NMO</td>
<td>Mobile Antenna Fold-Over, NMO Mount</td>
<td>25&quot;</td>
<td>23cm</td>
<td>8.4 dBi</td>
<td>$54.95</td>
</tr>
<tr>
<td>DMN-NR124H</td>
<td>Mobile Antenna Fold-Over, Type H Mount</td>
<td>25&quot;</td>
<td>23cm</td>
<td>8.4 dBi</td>
<td>$49.95</td>
</tr>
</tbody>
</table>

Order Online 24/7 at DXEngineering.com
**Magnet Mounts**
A magnet mount that stays put! These deluxe mounts feature powerful magnets housed in a heavy four to six inch diameter base. The deluxe model can even hold antennas up to 50 inches tall. If you need a magnet mount that you can set-and-forget, Diamond gives you plenty of choices.

- DMN-DPK4MN-N Magnet Mount, 13" Coax, Type N, for 45" Antenna Max... $52.95
- DMN-K702M Magnet Mount, Deluxe Low-Profile, PL-259, for 50" Antenna Max... $49.95
- DMN-SPM35 Magnet Mount, 13" Coax, PL-259, for 45" Antenna Max... $44.95
- DMN-SPM35MD Magnet Mount, 13" Coax, NMO, for 45" Antenna Max... $49.95

**K400 Series Trunk and Hatchback Mounts**
The K400 Series features deluxe heavy-duty mounts that are ideal for large VHF/UHF and medium-sized HF antennas—including many popular screwdriver antennas. These strong mounts are adjustable, so you can install them vertically or horizontally without drilling any holes in your vehicle's body.

- DMN-K400 Trunk/Hatchback Mount... $39.95
- DMN-K400-3-8C K400 Mount, 6.5' Coax, 3/8"-24 Base/Mini UHF Cable Connector... $73.95
- DMN-K400C K400 Mount, 6.5' Coax, SO-239 Base/Mini UHF Cable Connector... $73.95
- DMN-K400CNO K400 Mount, 6.5' Coax, NMO Base/Mini UHF Cable Connector... $73.95
- DMN-K400S K400 Mount, 13.6' Coax, SO-239 Base/SMA Male Cable Connector... $79.95

**K412 Series Trunk and Hatchback Mounts**
These mounts are similar to Diamond's K400 series, but are tailored for medium-duty applications. K412 Series Trunk and Hatchback mounts are perfect for medium-sized HF antennas under 45 inches.

- DMN-K412C K412 Mount, 6.6' Coax, SO-239 Base/Mini UHF Cable Connector... $59.95
- DMN-K412CNO K412 Mount, 6.6' Coax, NMO Base/Mini UHF Cable Connector... $59.95
- DMN-K412S K412 Mount, 13.6' Coax, SO-239 Base/SMA Male Cable Connector... $69.95
- DMN-K412SNMO K412 Mount, 13.6' Coax, NMO Base/SMA Male Cable Connector... $69.95

**Weather Cap**
Keep your exposed SO-239 connector free of corrosion and debris, and ensure that your antenna mount is always ready when you need it. It's great to use when you remove your antenna before going through a car wash.

- DMN-31005 Weather Cap... $3.35

**K9000 Series Mobile Motor Drive Mounts**
Raise and lower your dual-band mobile antenna with the touch of a button. A 12V cigarette lighter plug-powered manual switch allows you to tilt your antenna up and down—perfect for garages or low overpasses. A 20 foot long DC power cord is included to complete your setup. These mounts are compatible with antennas that are under 45 inches tall, and don't require a ground. They are designed to mount securely to your luggage rack/tubing or trunk/hatch lip.

- DMN-K9000LRM Mobile Drive Mount for Small, Tubular Luggage Rack... $104.95
- DMN-K9000LRMO Mobile Drive Mount for Large, Oversize Luggage Rack... $104.95

**HRKS Adhesive Backed Antenna Mount**
If you don't want to drill a hole or put a mag-mount on your car, Diamond offers an adhesive backed antenna mount that securely adheres to glass, steel, fiberglass—virtually any smooth, flat surface. When it's time to remove the mount, just use some fishing line to “saw” it off without a trace. This two-piece adjustable mount has an SO-239 antenna base, 13.6 feet of coax ending in an SMA male connector and an SMA female to PL-259 adapter.

- DMN-HRKS Adhesive Backed Antenna Mount... $69.95

**CRM Mirror and Luggage Rack Mount**
It's a beautifully simple right-right angle bracket with a U-bolt that creates a proven, secure attachment point for mirrors, racks or anything made from tubing up to 1 1/16" O.D. The mount is stainless steel to withstand years of outdoor abuse. It has a 5/8" hole for your UHF connector.

- DMN-CRM CRM Mirror and Luggage Rack Mount... $16.95

**Heavy-Duty Trunk Mounts**
If you're running a high-gain VHF/UHF mobile antenna, Diamond's Heavy Duty Trunk Mounts are perfect for your setup. With an adjustable range of 0-9 degrees, a super strong screw-type installation and weatherproof construction, these are versatile, worry-free mounts. The aerodynamic styling will look great on your trunk, too.

- DMN-K600M Trunk Mount, 10' Coax, SO-239 Base/PL-259 Cable Connector... $59.95
- DMN-K600S Trunk Mount, 10' Coax, SO-239 Base/SMA Male Cable Connector... $62.95

**K515, K540 and K550 Series Luggage Rack Mounts**
Ideal for your vehicle's luggage rack, these mounts clamp securely for a stable connection. The K540 Series can even clamp to your long mirror arm or any 1/2 to 7/8 inch tubing. Every model includes a handy fold-down feature, so you can lower your antenna for garages and parking decks. All three series are well suited for lightweight and medium-sized antennas. Diamond's K515 Series is recommended for antennas under 50 inches tall, and the K550 Series is great for antennas under 45 inches.

- DMN-K515S K515 Mount, 13.6' Coax, SO-239 Base/SMA Male Cable Connector... $69.95
- DMN-K515SNO K515 Mount, 13.6' Coax, NMO Base/SMA Male Cable Connector... $69.95
- DMN-K540 K540 Luggage Rack Mount... $36.95
- DMN-K540K K540 Mount, 13' Coax, SO-239 Base/PL-259 Cable Connector... $59.95
- DMN-K550 K550 Luggage Rack Mount... $44.95
- DMN-K550K K550 Mount, 13' Coax, SO-239 Base/PL-259 Cable Connector... $69.95

**World-Class Products Shipped Worldwide**
**Mobile Antenna Mounts**

- **HSR-SSM-2 Heavy-Duty Stainless Steel Ball Mount, 2” Diameter** .................................................. $32.95
- **HSR-SSM-3 Stainless Steel Spring, 3”** .................................................. $29.95
- **HSR-L-14-144 12’ RG-58/PL-259 to Lugs, Coax to Ball Mount** ........... $9.95
- **HSR-VP-1 Tri-Band Adapter for HF Mobile Antenna** .................................................. $8.95
- **HSR-QD-2 Stainless Steel Quick Disconnect, 3/8”-24** .................................................. $24.95
- **HSR-RSS-2 Stainless Steel “Resonator” Impact Spring** .................................................. $14.95
- **HSR-MBM Super Magnetic Mount, 16’ coax, 3/8”-24 Antenna** .................................................. $24.95

**Recreational Vehicle Mount**

- **HSR-RVM Recreational Vehicle Mount** .................................................. $23.95

**Antenna Mount Adapters**

- **NCG-AD-10N Antenna Mount Adapter, Type N Female to NMO** .................................................. $17.95
- **NCG-AD-15M Antenna Mount Adapter, NMO to SO-239** .................................................. $17.95
- **NCG-AD-25M Antenna Mount Adapter, Converts SO-239 Mount to NMO** .................................................. $14.95
- **NCG-AD-35M Antenna Mount Adapter, SO-239 to 3/8”-24** .................................................. $17.95

**Coaxial Adapter**

- **DMN-D38-24 Coaxial Adapter** .................................................. $19.95

**Extra-Long Telescopic Antennas**

- **MFJ-1976 Telescopic Antenna, 10’** .................................................. $39.95
- **MFJ-1977 Telescopic Antenna, 12’** .................................................. $44.95
- **MFJ-1979 Telescopic Antenna, 17’** .................................................. $59.95

---

*Find more brands and more gear*
*Expert technical advice*
*More specs to compare your choices*
*Free instruction sheet/manual downloads*
*Order online 24/7*
*Expanded keyword search, part details & navigation*
*Special offers & much more!*
CA-2X4SR Mobile Vertical Antennas

These antennas are designed to assist search and rescue volunteers who need voice communications on the Ham, land mobile and FRS frequency ranges. With these 40" antennas, you get remarkable coverage, with 3.8 dBi gain on 2M and 6.2 dBi gain on 70cm. Plus, you’ll be able to transmit and receive in both bands.

Made for the field, these are the ideal mobile antennas for EMCOMM.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMN-CA2X4SR</td>
<td>2M/70cm Broadband Mobile Antenna, UHF Base</td>
<td>$69.95</td>
</tr>
<tr>
<td>DMN-CA2X4SRNMO</td>
<td>2M/70cm Broadband Mobile Antenna, NMO Base</td>
<td>$69.95</td>
</tr>
<tr>
<td>DMN-CA-SPR</td>
<td>Optional Spring Section for 2x4SR Antennas</td>
<td>$20.95</td>
</tr>
</tbody>
</table>

2.4 GHz Mobile Vertical Antenna

You can use this antenna on the 13cm Amateur band, or in MESH or Wi-Fi applications. With 7.4 dBi of gain, you’ll get great mobile coverage and, since it is the same antenna used by the Marine Corps, you know it will stand up to the strain of high-speed and high-vibration mobile use. The 18 inch monoband antenna can handle up to 50 watts of power.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMA-SF-245SPR</td>
<td>2.4 GHz Mobile Vertical Antenna</td>
<td>$59.95</td>
</tr>
</tbody>
</table>

Mobile Screwdriver Antennas

Imagine: One antenna, ALL HF bands—plus 6 meters. Available with a UHF mount or a 3/8"-24 stud mount, these antennas are your answer for a comprehensive mobile HF setup. They run off your vehicle’s 12 Vdc system and allow you to move from band-to-band with the flick of a switch. The SD330 antenna also provides excellent SWR and can handle 200 watts PEP.

These antennas stand over 73 inches tall and weigh 2.5 pounds, so make sure your vehicle can handle the size. The kits include the antenna, motor, switch and more. These antennas are the ideal mobile antennas for EMCOMM.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMN-SD330</td>
<td>Mobile Screwdriver Antenna, HF Mount</td>
<td>$389.95</td>
</tr>
<tr>
<td>DMN-SD330-3-8</td>
<td>Mobile Screwdriver Antenna, 3/8&quot;-24 Mount</td>
<td>$389.95</td>
</tr>
</tbody>
</table>

Ameritron Screwdriver Antenna Controllers

Perfect for adjusting your motorized screwdriver antenna, these units connect between your mobile transceiver and antenna. You can program and store your settings, allowing you to quickly change setups.

These interfaces have an intuitive display, a stall protector function to eliminate overshoot. There’s even a nifty AutoPark feature that bottoms-out your antenna so it doesn’t bash into low overhangs and garages.

A sensor is required for the counter and automatic operation.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>AME-SDC102</td>
<td>Universal Controller</td>
<td>$129.95</td>
</tr>
<tr>
<td>AME-SDC103</td>
<td>Controller for Icom Radios with CIV Interface</td>
<td>$149.95</td>
</tr>
</tbody>
</table>

Antenna Whips and Kit

Great for screwdriver antennas, these stainless steel whips hold up in the harshest environments. Every whip features a 3/8"-24 connector for easy installation.

The MFJ-1964K Antenna Kit combines all of the critical pieces to make an excellent portable antenna for the 10 through 60 meter bands. It includes an MFJ-1954 10 foot telescopic whip antenna, an MFJ-404-0008 coil, six silver plated tap clips and a chassis mount SO-239 connector.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFJ-1964K</td>
<td>Portable Antenna Kit</td>
<td>$54.95</td>
</tr>
<tr>
<td>MFJ-1964</td>
<td>Antenna Whip, 6’</td>
<td>$26.95</td>
</tr>
<tr>
<td>MFJ-1966</td>
<td>Antenna Whip, 9’</td>
<td>$25.95</td>
</tr>
</tbody>
</table>

Mobile HF Monoband Antennas

Made precisely for the mobile HF operators, these antennas provide low SWR and no-compromise performance. They’re about 7.25 feet high, feature fold-over hinges and SO-239 mounts. The stainless steel construction means they’ll handle the rigors of mobile use, while the 2-piece design makes them easy to store.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMN-HF0CL</td>
<td>6 Meter Mobile HF Monoband Antenna, 250 Watts</td>
<td>$59.95</td>
</tr>
<tr>
<td>DMN-HF10CL</td>
<td>10 Meter Mobile HF Monoband Antenna, 200 Watts</td>
<td>$59.95</td>
</tr>
<tr>
<td>DMN-HF20CL</td>
<td>20 Meter Mobile HF Monoband Antenna, 200 Watts</td>
<td>$59.95</td>
</tr>
<tr>
<td>DMN-HF40CL</td>
<td>40 Meter Mobile HF Monoband Antenna, 200 Watts</td>
<td>$59.95</td>
</tr>
<tr>
<td>DMN-HF80CL</td>
<td>80 Meter Mobile HF Monoband Antenna, 120 Watts</td>
<td>$59.95</td>
</tr>
</tbody>
</table>
Screwdriver Antennas ..........................

DXE-HR-2P Hot Rodz Capacity Hat for each of the 6 inch, 12 inch and 24 inch stainless steel rods. so you can use less coil for any given frequency. The Hot long whip from your antenna while increasing efficiency, screwdriver antenna. Hot Rodz allows you to remove the

This fully adjustable system attaches directly to any Hustler Mobile Antennas ...................

Hot Rodz® Capacity Hat for

8061-T6 aluminum hub with stainless steel set screws and six each of 6 inch, 12 inch and 24 inch stainless steel rods.

Hot Rodz® Capacity Hat Components

Increase the efficiency of your own shortened antenna by building your own Hot Rodz Capacity Hat system. Visit DXEngineering.com for complete details.

DXE-HRHUB-1P Hot Rodz Hub, Smooth Bore with Set Screws ....................... $29.50

DXE-HRHUB-2P Hot Rodz Hub, Threaded Bore ........................................... $32.95

DXE-RODZ-48P Hot Rodz 48” Stainless Steel Rods ....................................... $34.95

DXE-RODZ-60P Hot Rodz 60” Stainless Steel Rods ....................................... $36.95

DXE-RODZ-72P Hot Rodz 72” Stainless Steel Rods ....................................... $39.95

DXE-RODZ-36P Hot Rodz 36” Stainless Steel Rods ....................................... $34.95

DXE-RODZ-48P Hot Rodz 48” Stainless Steel Rods ....................................... $34.95

DXE-RODZ-60P Hot Rodz 60” Stainless Steel Rods ....................................... $36.95

DXE-RODZ-72P Hot Rodz 72” Stainless Steel Rods ....................................... $39.95

DXE-HRHUB-2P Hot Rodz Capacity Hat for Screwdriver Antennas ............... $109.95

 DXE-HRHUB-2P Hot Rodz Capacity Hat for Screwdriver Antennas ............... $109.95

Hustler Standard and Super Resonators and Parts

Individual Hustler Resonators are available for 10, 12, 15, 17, 20, 30, 40, 75 and 80 meters. The standard resonators can handle 400 watts Peak Envelope Power (PEP). The Super Resonators can handle 1 kW PEP and have slightly more bandwidth. They are available for 40 and 80 meters.

Use these resonators with Hustler’s mounts, mobile masts, and other accessories to build a custom mobile antenna. Use DX Engineering Hot Rodz® capacity hats and other accessories with these resonators to improve antenna efficiency.

HSR-RM-10 10 Meter Hustler HF Resonator, 150-250 kHz ....................... $18.95

HSR-RM-12 12 Meter Hustler HF Resonator, 100-150 kHz ....................... $18.95

HSR-RM-15 15 Meter Hustler HF Resonator, 100-150 kHz ....................... $18.95

HSR-RM-17 17 Meter Hustler HF Resonator, 120-150 kHz ....................... $23.95

HSR-RM-20 20 Meter Hustler HF Resonator, 80-100 kHz ......................... $23.95

HSR-RM-30 30 Meter Hustler HF Resonator, 50-60 kHz ......................... $28.95

HSR-RM-40 40 Meter Hustler HF Resonator, 40-50 kHz ......................... $29.95

HSR-RM-40S 40 Meter Super HF Resonator, 50-80 kHz ......................... $41.95

HSR-RM-75 75 Meter Hustler HF Resonator, 50-60 kHz ......................... $32.95

HSR-RM-75S 75 Meter Super HF Resonator, 50-60 kHz ......................... $57.95

HSR-RM-80 80 Meter Hustler HF Resonator, 25-30 kHz ......................... $32.95

HSR-RM-80S 80 Meter Super HF Resonator, 50-60 kHz ......................... $57.95

HSR-3774-1 Replacement Ferrules for Hustler Resonators ....................... $0.95

HSR-49-04-40S Whip Replacement for DXE-ROD-40S Super Resonator ....... $5.75

HSR-49-04-80S Replacement Whip/Corona Ball for 75 and 80 Meter Super Resonators ............... $8.35

Dual Impedance Antenna Transformer

This unbalanced to unbalanced (UNUN) impedance transformer matches a 50 Ω to 25 Ω or 12.5 Ω connection. Use it to get a better match between a feedline and a typical mobile antenna. It works well with Hot Rodz® Capacity Hat-equipped antennas.

DXE-MM-1 Dual Impedance Antenna Transformer ......................... $119.95

Orders by 10 pm ET Ship Same Day, See Page 64 for Details

DXE-5MTHRF-1

DXE-5MTCF-1

DXE-WP-102

DXE-5MTBF-1

HHSR-MO-2H Hustler 54” Folding Mast for Fender/Bumper Mount.............. $36.95

HSR-MO-4 Hustler Non-Folding Mast, 22” Total Length ......................... $24.95

HSR-QD-2 Hustler Stainless Steel Quick Disconnect, 3/8”-24 ............... $24.95

Use the HSR-QD-2 Quick Disconnect to quickly disconnect one mast from another. The HSR-MO-2 Folding Mast allows quick change of Hustler resonators.
Antennas: Mobile & Scanner

**Discone Antenna**
Get super-wide frequency coverage in a compact package. This antenna has excellent reception from 100 MHz to 2.3 GHz, plus excellent transmit capabilities on many popular bands including 2M, 70cm and 23cm. It is 3 feet high, with mounts to any 2 inch mast, and includes 49 feet of coax with an N-connector.

- **ICO-AH-8000 Discone Antenna** $249.95

**Discone Base Station Scanner Antenna**
Match this antenna to your scanner and get excellent reception on public service, aircraft, mobile and telephone frequencies. It’s vertically polarized, covers 40 to 950 MHz and doesn’t need adjusting. The antenna is 54 inches high with an 18 inch diameter. A 50 foot cable with a BNC male connector is included.

- **HSR-DCL-B Super Discone, Type N, Base** $39.95

**Extensive Duty 2 Meter Base Antenna**
The ultimate 2 meter antenna, perfect for serious operators and club stations. This antenna can handle 600 watts and provides 8.1 dB of gain with 4 MHz of Bandwidth. The heavy duty, 19.5 foot fiberglass radome will withstand wind gusts up to 140 mph.

- **HSR-HX6-14448 Extreme Duty 2M Base Antenna** $999.95

**HF Mini-Stick Antennas**
You can use these mighty antennas in your mobile or base rig to get on the HF bands. They all feature a standard 3/8”-24 mounting point and base. Their small, unobtrusive size coupled with integrated magnet mounts open up a world of installation possibilities.

- **MFJ-2306T 6M HF Mini-Stick with Whip** $19.95
- **MFJ-2311T 10M HF Mini-Stick with Whip** $19.95
- **MFJ-2312T 12M HF Mini-Stick with Whip** $19.95
- **MFJ-2315T 15M HF Mini-Stick with Whip** $19.95
- **MFJ-2317T 17M HF Mini-Stick with Whip** $19.95
- **MFJ-2320T 20M HF Mini-Stick with Whip** $19.95
- **MFJ-2340T 40M HF Mini-Stick with Whip** $19.95
- **MFJ-2360T 60M HF Mini-Stick with Whip** $19.95
- **MFJ-2375T 75M HF Mini-Stick with Whip** $19.95

**Mobile/Base Discone Antennas**
Take advantage of the wideband properties of Diamond’s Discone Antennas. They’re perfect for Amateur Radio, commercial two-way, cellular, air traffic and utility frequencies. You can also use these as “shop” antennas to test your transmitters with one run of coaxial cable. These versatile, yet compact antennas are rust-resistant and durable.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Height</th>
<th>TX Frequency</th>
<th>RX Frequency</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMN-D130J</td>
<td>Super Discone, SO-239, Base</td>
<td>66.9”</td>
<td>50-1300 MHz</td>
<td>100-1300 MHz</td>
<td>$94.95</td>
</tr>
<tr>
<td>DMN-D130N</td>
<td>Super Discone, Type N, Base</td>
<td>66.9”</td>
<td>50-1300 MHz</td>
<td>25-1300 MHz</td>
<td>$94.95</td>
</tr>
<tr>
<td>DMN-D3000N</td>
<td>Super Discone, Type N, Base</td>
<td>66.9”</td>
<td>50-1200 MHz</td>
<td>25-3000 MHz</td>
<td>$129.95</td>
</tr>
<tr>
<td>DMN-D220</td>
<td>Mobile* Discone, SO-239, Scanner</td>
<td>35.5”</td>
<td>144-1300 MHz</td>
<td>100-1300 MHz</td>
<td>$109.95</td>
</tr>
</tbody>
</table>

*Designed for Diamond’s K400S, K400C, K600M and K600S Mobile Mounts

**DS-150S Discone Base Antenna**
If you’re living in an apartment where space is limited or in a community where larger antennas are frowned upon, then this compact antenna will let you stay in the game. It is less than five feet high and three feet wide, but covers 25 to 1300 MHz (receive). Transmitting is possible on the 6M, 2M, 70cm and 33cm bands, plus 1.2 GHz without a tuner. This antenna could be the perfect solution for your scanner or VHF/UHF transceiver.

- **CMA-DS-150S Discone Base Antenna** $95.95

**VHF/UHF Monitor Mobile Antenna**
Look to Hustler’s rugged mobile antenna if you’re listening on the 30-50 MHz, 146-174 MHz, 430-450 MHz and 800-950 MHz frequencies. This 39 inch antenna has a low profile mount design and requires a 3/4” hole on a flat surface for mounting. It includes 12 feet of RG58/U coax with a BNC connector.

- **HSR-MOR-B Mobile Monitor Antenna** $24.95

**VHF Discone Antennas**
MFJ’s ultra wide-band Discone Antennas are designed for scanners, but you can use them to test several transmitters. The 1866 covers a receive range of 25-1300 MHz with a transmit range of 50-1300 MHz—making them ideal for 2, 4 and 6 meter operation. It includes an SO-239 connector, 50 feet of coax stainless steel elements and mounting hardware.

- **MFJ-1866 VHF Discone Antenna** $49.95
- **MFJ-1868 VHF Discone Antenna, Installation Kit** $64.95

**HXR-HX6-14448 Extreme Duty 2M Base Antenna**
Transmitting is possible on the 6M, 2M, 70cm and 23cm bands, plus 1.2 GHz without a tuner. This antenna could be the perfect solution for your scanner or VHF/UHF transceiver.

- **CMA-DS-150S Discone Base Antenna** $95.95
Vertical VHF/UHF Antennas
Reach out further and get maximum performance with Comet Antennas. These antennas all feature durable construction, so they are ideal for rough-weather environments. There are fiberglass and aluminum options for many applications and every antenna comes with Comet’s superior quality, coverage and gain. The complete specs on every Comet Antenna can be found at DXEngineering.com.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Coverage</th>
<th>Gain</th>
<th>Connector</th>
<th>Height</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMA-GP-21</td>
<td>23cm</td>
<td>14.9</td>
<td>Type N (F)</td>
<td>8’</td>
<td>$159.95</td>
</tr>
<tr>
<td>CMA-KP-20</td>
<td>33cm</td>
<td>9.2</td>
<td>Type N (F)</td>
<td>8’</td>
<td>$119.95</td>
</tr>
<tr>
<td>CMA-CYA-712EF</td>
<td>70cm</td>
<td>9</td>
<td>SO-239</td>
<td>10.5’</td>
<td>$109.95</td>
</tr>
<tr>
<td>CMA-CFA-24</td>
<td>70cm</td>
<td>5.5</td>
<td>Type N (F)</td>
<td>3.5’</td>
<td>$109.95</td>
</tr>
<tr>
<td>CMA-CFA-24T</td>
<td>400-512 MHz</td>
<td>5.5</td>
<td>Type N (F)</td>
<td>3.5’</td>
<td>$105.95</td>
</tr>
<tr>
<td>CMA-CFA-SUPER22</td>
<td>1.25M</td>
<td>6.6</td>
<td>SO-239</td>
<td>8’</td>
<td>$159.95</td>
</tr>
<tr>
<td>CMA-CFA-24G</td>
<td>2M</td>
<td>5.5</td>
<td>SO-239</td>
<td>8.9’</td>
<td>$149.95</td>
</tr>
<tr>
<td>CMA-CFA-24GFL</td>
<td>2M</td>
<td>5.5</td>
<td>SO-239</td>
<td>8.9’</td>
<td>$149.95</td>
</tr>
<tr>
<td>CMA-CFM-95SL</td>
<td>88-108 MHz</td>
<td>3.4</td>
<td>SO-239</td>
<td>7.7’</td>
<td>$112.95</td>
</tr>
<tr>
<td>CMA-GP-1</td>
<td>2M/70cm</td>
<td>3/6</td>
<td>SO-239</td>
<td>4’</td>
<td>$74.95</td>
</tr>
<tr>
<td>CMA-GP-3</td>
<td>2M/70cm</td>
<td>4.5/7</td>
<td>SO-239</td>
<td>5.9’</td>
<td>$99.95</td>
</tr>
<tr>
<td>CMA-GP-6</td>
<td>2M/70cm</td>
<td>6.5/9</td>
<td>SO-239</td>
<td>10.1’</td>
<td>$109.95</td>
</tr>
<tr>
<td>CMA-GP-9</td>
<td>2M/70cm</td>
<td>8.5/11.9</td>
<td>SO-239</td>
<td>18.5’</td>
<td>$199.95</td>
</tr>
<tr>
<td>CMA-GP-9N</td>
<td>2M/70cm</td>
<td>8.5/11.9</td>
<td>Type N (F)</td>
<td>18.5’</td>
<td>$199.95</td>
</tr>
<tr>
<td>CMA-CX-333</td>
<td>2M/1.25M/70cm</td>
<td>6.5/7.8/9</td>
<td>SO-239</td>
<td>10.4’</td>
<td>$179.95</td>
</tr>
<tr>
<td>CMA-GP-95</td>
<td>2M/70cm/23cm</td>
<td>6/8/12.6</td>
<td>SO-239</td>
<td>8’</td>
<td>$169.95</td>
</tr>
<tr>
<td>CMA-GP-98</td>
<td>2M/70cm/23cm</td>
<td>6.5/13.5</td>
<td>SO-239</td>
<td>9.7’</td>
<td>$189.95</td>
</tr>
<tr>
<td>CMA-GP-15</td>
<td>6M/2M/70cm</td>
<td>3.6/2.8/6.6</td>
<td>SO-239</td>
<td>7.9’</td>
<td>$169.95</td>
</tr>
</tbody>
</table>

Wi-Fi Antennas
Minimize interference and maximize your Wi-Fi network coverage with these gain-increasing antennas—even if you live in a concrete building. These antennas increase the range of your Wi-Fi devices and are great tools to take advantage of free Wi-Fi hotspots. Eliminate the frustration of spotty Wi-Fi coverage by upgrading your antenna—visit DXEngineering.com for complete specs.

- MFJ-1800 Wi-Fi Antenna, Type N Connector, 15 dBi Gain ....................................... $29.95
- MFJ-1801 Wi-Fi Antenna, with Housing, Indoor/Outdoor, 15 dBi Gain .......................... $61.95
- MFJ-1802 Wi-Fi Antenna, Wide Area, 150 Degree Beamwidth, 8 dBi Gain ....................... $43.95
- MFJ-1804 Wi-Fi Antenna, Bi-Quad, 45 degree Beamwidth, 12 dBi Gain ......................... $52.95

S9V Series Vertical Antennas
Tough, yet lightweight non- resonant verticals, these multi-band antennas will quickly get you on several popular bands. They handle 1,500 watts and use wire pigtail connections. Installation is easy: simply slide the bottom antenna tube over a properly sized and mounted pipe. You can also roof-mount these antennas with a basic tripod setup. They’re ideal for both permanent and temporary stations.

- MFJ-1801 Wi-Fi Antenna, Wide Area, 150 Degree Beamwidth, 8 dBi Gain ....................... $43.95

HF/VHF Vertical Antenna
If you have too little space or too much regulation in your neighborhood, Comet comes through with a powerful and compact all-in-one antenna. It is easy to set up, with no need for radials, tuning, or adjustments. Yet, this antenna gives you a VSWR under 1.6:1 from 3.5 MHz to 57 MHz. Its under 24 feet tall too, which will keep the neighbors happy.

CMA-CHA-250B HF/VHF Vertical Antenna .................................................................. $399.95

VHF/UHF Beam Antennas
Comet offers you two stellar Yagi antennas, one for the 6M band and one for the 23cm band. They’re compact and lightweight, and have stainless steel hardware so they’re rugged enough to last for years. Installation is easy, and the CYA-1216E comes pre-assembled.

- CMA-CYA-1216E 23cm Beam Antenna, 5.25’ Boom, 16-Element, 16.6 dBi Gain .................. $139.95
- CMA-CA-52BH4 6M Wideband Beam Antenna, 10.5’ Boom, 4-Element, 10.5 dBi Gain ........ $129.95

HF Dipole Antennas
Comet understands that you may not have acres of land for your antenna installation. With that in mind, Comet offers you two powerful dipole antennas.

The CHV-SX is a multi-band dipole that allows you to tune each band independently. These compact, lightweight antennas can be arranged in a horizontal V-shape or a ground-plane setup. This is also a great antenna for portable/emergency operations.

- CMA-CHV-25RF Long Base Vertical Antenna ................................................................ $59.95

Aluminum Radial Plate
Get your HF vertical performing at its fullest potential with this radial plate. It creates the grounding point for your radials and contributes to proper antenna counterpoise. You can also use it to ground your remote tuner, balun or length of coax.

- LDG-S9RP Aluminum Radial Plate ........................................................................ $39.95

More Products, Specs and Photos at DXEngineering.com
Ideal for both base and portable installations. Plus, they're factory-adjusted, so you don't need to worry about tuning.

DMN-A144S5 2 Meter, 5-Element Base Station Yagi Beam Antenna $59.95
DMN-A502HB 6 Meter, 2-Element Base Station Yagi Beam Antenna $89.95
Diamond Antennas has a solution. Significantly improved reception, whether you want a simple improvement over your HT's (or antenna) to show you a relative gain improvement over your HT's (or scanner's) stock performance. Whether you want a simple replacement for a broken HT antenna or you are looking for significantly improved reception, Diamond Antennas has a solution.

HT Antennas
The rubber duckie antenna packaged with your HT may be keeping your handheld from operating at its full potential. Knowing this, Diamond Antenna brings you single, dual and triple band antennas that offer better performance. As proof, Diamond rates its antennas against the original HT manufacturer's antenna to show you a relative gain improvement over your HT's (or scanner's) stock performance.

Improve the Reach of Your HT with a Gain-Increasing Antenna!

**Antennas: Handheld**

Maximize your HT or scanner performance. Comet's HT antennas offer significant gain improvements over your original antenna and are super-rugged, making them perfect for use in the field. Many have extended receive capabilities—visit DXEngineering.com for all of the specs. Available in multiple connector types, sizes and band coverage, Comet Antennas are excellent replacement antennas for your scanner or HT.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Length</th>
<th>Gain</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMN-RH205</td>
<td>Monoband, Telescopic, BNC Male, 10 W Power Rating</td>
<td>52.8&quot;</td>
<td>9 dB</td>
<td>$26.95</td>
</tr>
<tr>
<td>DMN-RH3</td>
<td>Dual-Band, Stubby, BNC Male, 10 W Power Rating</td>
<td>1.7&quot;</td>
<td>—</td>
<td>$26.95</td>
</tr>
<tr>
<td>DMN-RH519</td>
<td>Dual-Band, Flexible, BNC Male, 10 W Power Rating</td>
<td>7.75&quot;</td>
<td>3 dB</td>
<td>$24.95</td>
</tr>
<tr>
<td>DMN-RH707</td>
<td>Dual-Band, Flexible, BNC Male, 10 W, Extended Receive to 900 MHz</td>
<td>8.25&quot;</td>
<td>3 dB</td>
<td>$29.95</td>
</tr>
<tr>
<td>DMN-RH77CA</td>
<td>Dual-Band, Flexible, BNC Male, 10 W, Extended Receive to 900 MHz</td>
<td>15&quot;</td>
<td>6 dB</td>
<td>$22.95</td>
</tr>
<tr>
<td>DMN-RHF10</td>
<td>Dual-Band, Flexible Stubby, BNC Male, 6 W Power Rating, 118-900 MHz Receive</td>
<td>2.75&quot;</td>
<td>—</td>
<td>$21.95</td>
</tr>
<tr>
<td>DMN-RHF40</td>
<td>Dual-Band, Flexible, BNC Male, 10 W, Extended Receive to 900 MHz</td>
<td>16&quot;</td>
<td>6 dB</td>
<td>$27.95</td>
</tr>
<tr>
<td>DMN-SRH519</td>
<td>Dual-Band, Flexible, SMA Male</td>
<td>7.75&quot;</td>
<td>3 dB</td>
<td>$26.95</td>
</tr>
<tr>
<td>DMN-SRH77CA</td>
<td>Dual-Band, Flexible, SMA Male, 10 W, High Gain &amp; Extended Receive to 900 MHz</td>
<td>15&quot;</td>
<td>6 dB</td>
<td>$22.95</td>
</tr>
<tr>
<td>DMN-SRJ77CA</td>
<td>Dual-Band, Flexible, SMA Female, 10 W, Extended Receive to 900 MHz</td>
<td>15&quot;</td>
<td>6 dB</td>
<td>$24.95</td>
</tr>
<tr>
<td>DMN-SRF10</td>
<td>Dual-Band, Super-Flexible Stubby SMA Male, 6 W Power Rating</td>
<td>2.75&quot;</td>
<td>—</td>
<td>$21.95</td>
</tr>
<tr>
<td>DMN-SRF40</td>
<td>Dual-Band, Super-Flexible, SMA Male, 10 W, Extended Receive to 900 MHz</td>
<td>16&quot;</td>
<td>6 dB</td>
<td>$26.95</td>
</tr>
<tr>
<td>DMN-RH951S</td>
<td>Tri-Band, Flexible, BNC Male, 10 W Power Rating</td>
<td>14&quot;</td>
<td>6 dB</td>
<td>$44.95</td>
</tr>
<tr>
<td>DMN-SRH320A</td>
<td>Tri-Band, Flexible, SMA Male, 10 W Power Rating</td>
<td>13.75&quot;</td>
<td>4 dB</td>
<td>$46.95</td>
</tr>
<tr>
<td>DMN-SRH805</td>
<td>Tri-Band, Stubby, SMA Male, 6 W Power Rating</td>
<td>1.75&quot;</td>
<td>—</td>
<td>$26.95</td>
</tr>
<tr>
<td>DMN-SRH815</td>
<td>Tri-Band, Flexible, SMA Male, 6 W Power Rating</td>
<td>6&quot;</td>
<td>3 dB</td>
<td>$31.95</td>
</tr>
<tr>
<td>DMN-SRH940</td>
<td>Tri-Band, Flexible, SMA Male, 10 W Power Rating</td>
<td>18&quot;</td>
<td>2.1 dB</td>
<td>$39.95</td>
</tr>
<tr>
<td>DMN-SRH999</td>
<td>Quad-Band, Flexible, SMA Male, 10 W Power Rating</td>
<td>19.5&quot;</td>
<td>4 dB</td>
<td>$54.95</td>
</tr>
<tr>
<td>DMN-RH789</td>
<td>Dual-Band, Scanner Antenna, Telescopic BNC Male, 10 W, 85-300 MHz and 300-1100 MHz</td>
<td>31.7&quot;</td>
<td>—</td>
<td>$32.95</td>
</tr>
<tr>
<td>DMN-SRH789</td>
<td>Dual-Band, Scanner Antenna, Telescopic SMA Male, 10 W, 85-300 MHz and 300-1100 MHz</td>
<td>31.7&quot;</td>
<td>—</td>
<td>$32.95</td>
</tr>
</tbody>
</table>

Order Online 24/7 at DXEngineering.com
HT Antennas
By upgrading your HT’s original-equipment antenna, you can get significant coverage gains. MFJ offers some great options to increase the gain of your handheld. These durable antennas are well suited to field conditions.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Length</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MFJ-1710</td>
<td>Monoband, Pocket Linear, Telescopic, Pen-Sized, 3/8-Wave on 2 Meter, 5.25” Collapsed</td>
<td>24.5”</td>
<td>$9.95</td>
</tr>
<tr>
<td>MFJ-1714</td>
<td>Monoband, Telescopic, 1/2-Wave on 2 Meter, BNC</td>
<td>40”</td>
<td>$16.95</td>
</tr>
<tr>
<td>MFJ-1714S</td>
<td>Monoband, Telescopic, 1/2-Wave on 2 Meter, SMA</td>
<td>40”</td>
<td>$15.95</td>
</tr>
<tr>
<td>MFJ-1712</td>
<td>Dual-Band, Telescopic, 1/4-Wave on 2 Meter, 5/8-Wave on 70cm, 7.25” Collapsed, BNC</td>
<td>19”</td>
<td>$14.95</td>
</tr>
<tr>
<td>MFJ-1712S</td>
<td>Dual-Band, Telescopic, 1/4-Wave on 2 Meter, 5/8-Wave on 70cm, 7.25” Collapsed, SMA</td>
<td>19”</td>
<td>$14.95</td>
</tr>
<tr>
<td>MFJ-1713</td>
<td>Dual-Band, Thin Whip, BNC, 1/4-Wave on 2 Meter and 70cm</td>
<td>5.5”</td>
<td>$16.95</td>
</tr>
<tr>
<td>MFJ-1713S</td>
<td>Dual-Band, Thin Whip, SMA, 1/4-Wave on 2 Meter and 70cm</td>
<td>5.5”</td>
<td>$16.95</td>
</tr>
<tr>
<td>MFJ-1715</td>
<td>Dual-Band, Superflex, Long Thin Whip, 1/4-Wave on 2 Meter, 1/2-Wave on 70cm, BNC</td>
<td>12.5”</td>
<td>$19.95</td>
</tr>
<tr>
<td>MFJ-1715S</td>
<td>Dual-Band, Superflex, Long Thin Whip, 1/4-Wave on 2 Meter, 1/2-Wave on 70cm, SMA</td>
<td>12.5”</td>
<td>$19.95</td>
</tr>
<tr>
<td>MFJ-1716</td>
<td>Dual-Band, Flexible, Loaded 1/4-Wave on 2 Meter, 1/4-Wave on 70cm, BNC</td>
<td>7.5”</td>
<td>$14.95</td>
</tr>
<tr>
<td>MFJ-1716S</td>
<td>Dual-Band, Flexible, Loaded 1/4-Wave on 2 Meter, 1/4-Wave on 70cm, SMA</td>
<td>7.5”</td>
<td>$14.95</td>
</tr>
<tr>
<td>MFJ-1717</td>
<td>Dual-Band, Flexible, 1/4-Wave on 2 Meter, 1/2-Wave on 70cm, BNC</td>
<td>15.75”</td>
<td>$18.95</td>
</tr>
<tr>
<td>MFJ-1717S</td>
<td>Dual-Band, Flexible, 1/4-Wave on 2 Meter, 1/2-Wave on 70cm, SMA Male</td>
<td>15.75”</td>
<td>$18.95</td>
</tr>
<tr>
<td>MFJ-1717SF</td>
<td>Dual-Band, Flexible, 1/4-Wave on 2 Meter, 1/2-Wave on 70cm, SMA Female</td>
<td>15.75”</td>
<td>$17.95</td>
</tr>
<tr>
<td>MFJ-1718S</td>
<td>Tri-Band, Flexible, SMA, 2M/1.25M/70cm</td>
<td>17”</td>
<td>$23.95</td>
</tr>
<tr>
<td>MFJ-1719</td>
<td>Tri-Band, Midget Duck, BNC, 2M/70cm/33cm</td>
<td>1”</td>
<td>$14.95</td>
</tr>
<tr>
<td>MFJ-1719S</td>
<td>Tri-Band, Midget Duck, SMA, 2M/70cm/33cm</td>
<td>1”</td>
<td>$14.95</td>
</tr>
<tr>
<td>MFJ-1719SF</td>
<td>Tri-Band, Midget Duck, SMA, Female 2M/70cm/33cm</td>
<td>1”</td>
<td>$14.95</td>
</tr>
<tr>
<td>MFJ-1720S</td>
<td>Tri-Band, Flexible, SMA 1/4-Wave on 6M, 1/4-Wave on 2M, 5/8-Wave on 70cm</td>
<td>19”</td>
<td>$29.95</td>
</tr>
</tbody>
</table>

DXE-RPA-1
Receive Preamplifier
This is the best HF low-noise amplifier available. The DXE-RPA-1 is optimized for a 0.3-35 MHz operating range. The push-pull amplifier design and robust components enable it to withstand high signal levels and operate when you need it most. The dynamic range of the DXE-RPA-1 is better than most receivers.

Benefits
• Push-pull operation eliminates harmonic distortion
• High qusiescent current increases ability to handle signals without distortion or overload
• Mettulous craftsmanship and durable components provide superior dynamic range
• RCA phono jack and type F connector ease installation
• Simplified switching—automatic bypass relay eliminates gain when DC power is off
• 10-18 Vdc power through coaxial feed or separate supply jack
• 10-18 Vdc through cox enables remote operation at antenna

Specifications
• Gain: 16 dB, 0.3-35 MHz (+1.5/-1.5 dB over this range)
• Output Third Order Intercept: 43 dbm
• Noise Figure: 3.5 db
• One dB Compression: +26 dBm (~0.4 W output)
• 500 Hz BW IM3 Dynamic Range: 110 db over greater
• Power Requirement: 10-18 Vdc @ 140 mA maximum
• Dimensions: 5.75” W x 3.875” D x 1.375” H

MIRAGE
Mirage In-Shack and Mast-Mounted Preamplifiers
These preamplifers are designed to enhance your antenna system’s receive performance. They’re available as single unit in-shack components, or as two-piece mast-mounted units with RF Line voltage control—ideal for high-performance installations.

Quick Specs
• Ultra low-noise GaAsFETs with switchable gain
• Automatic RF switching
• Handle up to 100 watts bypass
• KP-1 series are single unit inline preamplifiers
• KP-2 series use seperate RF Line voltage control and preamp units

AH-4
Antenna Tuner
Icom’s AH-4 antenna tuner lets you automatically tune a 23 foot or longer wire antenna for portable or mobile HF/50 MHz use. The PTT tune function makes changing bands easy, too.

ICOM
World-Class Products Shipped Worldwide

Diamond Antenna
SMA to BNC Antenna Adapter
Designed for your HT, this mount is a great way to unlock more antenna choices for your BNC-equipped handheld. It has a male SMA connector on one end and a female BNC connector on the other.

DMN-BNCJ-SMA  SMA to BNC Adapter ............................................................... $9.95

Icom
ICO-4 Control Cable, 16.4’ ................................................................. $32.95
IC-4H4 Antenna Tuner................................................................. $299.95

World-Class Products Shipped Worldwide