



high  
gain



COMMUNICATION  
antennas

for  
BASE STATION  
MOBILE  
MARINE

[Adapters/Mounting - Devices Mini Series](#)

[TG Series - - Single Side Band Back Stay Antenna](#)

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## Adapters and Mounting Devices



### FOR MINI SERIES

- |                          |  |
|--------------------------|--|
| 1. SS-B                  | Right angle mounting bracket   |
| 2. ADAP-I                | Durable plastic adapter for standard marine lay down mount<br>Prewired socket accepts an MINI antenna and is supplied<br>with 20' RG-58 coaxial cable. |
| 3. ADAP-II               | Same as ADAP-I except is fed out of bottom for extensions.   |
| 4. "Motorola"<br>Adapter | Attaches to any "Motorola" type chassis mount and provides<br>a socket to receive any MINI antenna.  |
| 5. Magnetic<br>Mount     | Pre-wired 5/8-24 socket on a 3¼ chrome coated magnet base<br>Rated pull is 90-100 pounds. 20' RG-58 cable.   |
| 6. P-M-A<br>Pipe Mount   | For use on standard 1¼" pipe<br>Top is threaded to 5.8-24 to accept MINI antenna.  |

### FOR TG SERIES

- |                         |   |
|-------------------------|---|
| 7 M-M-A<br>Marine Mount | Adapts TG-Series antennas to standard marine lay down<br>mount. |
|-------------------------|---|

### LORAN/DGPS



52" tapered stainless steel whip with a 3/8-24 termination to  
fit standard coupler



## MINI – SERIES

### GENERAL

- Every loading coil is hand wound, factory turned and tested to insure peak performance at specified frequency
- VSWR is 1.5:1 or less
- Gain is 6 db over coaxial antenna
- Power rated at 150 watts
- Coil housing is stainless steel, sealed to prevent moisture damage
- No ground plane required

### STANDARD MODELS

**SS-2** VHF antenna for 144-174  
Reviewed in  
**Practical Sailor**  
click here  
MHz marine antennas tuned to 156.8MHz  
Whip length is 30"-40"; 35" for marine

**USS-2** UHF antenna for 430-470 MHz  
Whip length is 11" - 15"

**FM** 88 - 108 MHz for FM  
Whip length is 54"

**Weather Fax** Specifically tuned to maximize signal strength for improved fax reception  
Whip length is 54"

**Cellular** Broad banded to insure maximum signal strength over 800-900MHz  
Whip length is approximately 5.6"

- SS-27** "Citizen's Band" antenna  
Whip length is approximately 54" but will vary with specific installation  
Note: "CB" antenna does require a ground reference
- SS-220** VHF antenna for 220 MHz. Whip length is 25"
- SS-138** VHF antenna for 138 - 140MHz. Whip length is 40"

All whips over 25" are tapered to minimize wind resistance.  
Special frequencies are quoted on request.



## T G - SERIES

### GENERAL

- Every loading coil is hand wound, factory turned and tested to insure peak performance
- VSWR is 1.5:1 or less
- Power rating is up to 500 watts
- Coil housing is 606-T6 aluminum and is designed to mount on standard 1 1/4" pipe
- Mast sections are either 6061-T6 aluminum or stainless steel

### STANDARD MODELS

**TG-3** VHF antenna for 144-174  
Gain is 6 db over coaxial antenna  
Rated wind load with 1/2" of ice is 100 MPH  
Assembled length is approximately 42"

**TG-3-  
(SH)** VHF antenna for Base Station or Marine  
TG-3 is for 144-160 MHz  
TG-3-SH is for 156-174 MHz  
Gain is 9 db over coaxial antennas  
Mast consists of two radiating elements  
interconnected by a 1/2" wave phasing section  
Rated wind load with 1/2" of ice is 100 MPH  
Weight is 2 pounds, 13 ounces  
Assembled length is 96"  
Knocked down length is 57"\*

**TG-5-S  
(SH)** VHF antenna for Base Station or Marine  
TG-5-S is for 144-160 MHz  
TG-5-SH is for 156-174 MHz  
Gain is 10.5 db over coaxial antennas  
Mast consists of three radiating elements  
interconnected two 1/2" wave phasing sections  
Rated wind load with 1/2" of ice is 75 MPH  
Weight is 3 pounds, 8 ounces  
Assembled length is 154"  
Knocked down length is 57"\*



Each of these antennas is available for aircraft band (118-136 MHz) and 220 MHz.

\*Knocked down length allows UPS shipment as a standard package.



## Gam / McKim Split Lead Antenna

### GENERAL

The Gam / McKim Split Lead Single Side Band Antenna eliminates the need for backstay insulators forever. No longer must the integrity of backstays be compromised by cutting and installation of costly insulators. The Split Lead antenna simply press fits onto your existing backstay wire...no special tools required...and is secured at both ends by a simple plastic clamp.



Patent Pending

### Consider the following:

**Safety:** The split lead antenna installation requires no alteration of the backstay thus preserving full mechanical integrity of the backstay wire.

All RF elements of the antenna are fully insulated eliminating the possibility of the shock hazard posed by the bare wire connection in conventional backstay antennas.

**Ease of Installation:** No cutting, no swaging, no measuring, no special tools, no special skills required...simply press fit over the existing backstay wire and clamp at top and bottom

**Performance:** Active elements are designed for RF...more conductive than the stainless steel backstay wire.

Lead wire connections are waterproof and electrically sound...no more corrosion where the bare copper wire is wrapped around the stainless steel backstay.

The antenna's insulated housing reduces "Precipitation Static" often associated with heavy squalls and thunderstorms.

**Stowage and Portability:** The Split Lead antenna can be coiled up to a diameter of approximately 26" for ease of storage

It can be easily removed when the mast or backstay require work and can readily be transferred from one vessel to another.

**Durability:** The outer housing is very durable, resistant to weathering and, since it under no mechanical stress, should last for many years in the marine environment.

**Cost:** The GAM / McKim Split Lead Antenna is priced to compete with conventional backstay insulators (including swaging costs) and less expensive than many insulators utilizing reusable terminals.

With Gam Electronics antennas you will always get the best quality products without compromise and at a fair price.



Direct Sale Price List  
11-09-04

<b>MODEL</b>	<b>SUGGESTED LIST</b>
SS-2, VHF(144-174MHz)	\$70.00
USS-2, UHF(420-470MHz)	\$70.00
138-140MHz	\$70.00
220MHz	\$70.00
800MHz	\$70.00
FM	\$70.00
Cellular, analog only	\$70.00
SS-27(CB)	\$70.00
SS-B, right angle mounting bracket	\$4.15
Magnetic Mount	\$36.50
NMO type adapter	\$14.40
ADAP-I or II	\$21.50
TG-3 VHF Base Station	\$100.00
TG-3-S(SH) Base Station	\$195.00
TG-5-S(SH) Base Station	\$290.00
MMA adapter	\$14.40
GAM/McKim Split Lead Single Side Band	\$400.00

Prices are FOB factory

\* Prices are subject to change without notice.