

# IronHorse

**Professional-Amateur Products**  
**Heavy Duty Antennas and Accessories**

**2003**



*The Spirit of Communications*

# *Introduction*



ATOC Technologies, Incorporated, is a premier manufacturer of Antennas, Mounting Hardware, Cable & Wiring Harnesses, and TV accessories for the Professional Amateur Radio Market. With over 25 years of manufacturing expertise, ATOC has concentrated and focused on the personal communication markets and especially the amateur industry.

ATOC has many goals for success with the utmost important being quality. ATOC has many quality systems in operation, adhering to the ISO Systems Standards/QS 9000 Quality Management.

ATOC is striving to become the leader in the mobile communications industry, with innovative designs and new technology. ATOC has already developed several design and function patents to our credit.

Through ATOC's worldwide network of partner and strategic alliances, we can offer our customers a broad base of resources, capabilities and technology. ATOC is quick to react and responds to changes and demands to meet the ever changing market needs.

Few suppliers can match the degree of our experience, skill, and most important, design, engineer, and produce systems that will meet your entire needs.

ATOC accomplishes exceptional quality with state-of-the-art test equipment, precise engineering and stringent quality assurance that produces our product lines. You can rest assured that consistency is a high priority with all products manufactured by ATOC.

ATOC consistently maintains its high level of integrity in "the business" by not only sales and service, but by its pride in people and old-fashioned hard work. We believe that mutually respectful and profitable relationships are the key to all of our successes.

## Your Success... Is Our Business



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# High Frequency Antennas



## “Work The World With IronHorse®”

### FEATURES: Amateur Mobile HF Antennas

Ready to experience home station performance and great HF DXing on the open road or across the world? Gear up with our monoband full size HF series of mobile antennas and/or our short HF series antennas, and enjoy top results all the way! These time proven HF antennas are especially designated for maximum efficiency, low SWR, and broad bandwidth. They are rated at 500 watts P.E.P. for the full size and 250 watts P.E.P. for the mini's and built to withstand considerable use.

#### Standard HF Sticks

Model	Band	Band Width KHz
IHF80E	80 Meters	36 KHz
IHF75	75 Meters	36 KHz
IHF40	40 Meters	60 KHz
IHF40E	40 Meters	60 KHz
IHF30	30 Meters	50 KHz
IHF20	20 Meters	150 KHz
IHF17	17 Meters	175 KHz
IHF15	15 Meters	200 KHz
IHF12	12 Meters	300 KHz
IHF10	10 Meters	500 KHz
IHF6	6 Meters	1000 KHz

**IHF40E & IHF80E** (European Frequency)  
Available in Black Only  
Antennas consist of a 4 ft. fiberglass lower section with integral coil and an adjustable (and removable) 4 ft. SS whip.



### Model IHF5S

A set of (5) five standard HF Antennas all in a plastic bag for easy reusable storage.  
Set includes: 10-15-20-40-75 meter antennas



#### Mini HF Sticks



Model	Band	Band Width KHz 2:1 Ratio	Fiberglass Stick Length	OAL w/ SS Whip Installed/Tuned
IHFM80	80 Meters	29 KHz	36"	76"
IHFM75	75 Meters	29 KHz	36"	76"
IHFM40	40 Meters	64 KHz	36"	44"
IHFM30	30 Meters	41 KHz	32"	40"
IHFM20	20 Meters	200 KHz	33"	41"
IHFM17	17 Meters	129 KHz	31"	39"
IHFM15	15 Meters	158 KHz	31"	39"
IHFM12	12 Meters	373 KHz	28"	36"
IHFM10	10 Meters	657 KHz	28"	36"
IHFM6	6 Meters	1,543 KHz	34"	42"

Available in Black Only

### Model IHF5MS

A set of (5) five mini HF Antennas all in a plastic bag for easy reusable storage.  
Set includes: 10-15-20-40-75 meter antennas





# Amateur Band Antennas

## GLASS MOUNTED ANTENNAS

### Model ATA270

- 144-148 and 440-450 MHz
- Gain: 2.6dB over 1/4 wave at 2m & 4.0dB over 1/4 wave at 70cm
- Typical VSWR: Less Than 2.0:1 Through the Bands
- Maximum Power: 50 Watts
- Field Tuneable
- 14' of RG58 Cable with PL259
- 26" Copper Plated 17-7ph SS Whip with Black Finish
- Instructions and Mounting Package Included
- Replacement Whip Available
- Replacement Whip, Base, and Remount Kit Available

(NOTE: Some newer automobiles are equipped with "passivated glass" which does not permit on-glass antennas to work properly. Please check your owner's manual or your dealer.)



### Model ATA144

- 144-148 MHz
- Gain: 2.5dB over 1/4 wave
- Typical VSWR: 1.5:1 Through the Bands
- Maximum Power: 50 Watts
- Field Tuneable
- 14' of RG58 Cable with PL259
- 27-1/2" Copper Plated 17-7ph SS Whip with Black Finish
- Instructions and Mounting Package Included
- Replacement Whip Available
- Remount Kit Available
- Replacement Whip, Base, and Remount Kit Available

(NOTE: Some newer automobiles are equipped with "passivated glass" which does not permit on-glass antennas to work properly. Please check your owner's manual or your dealer.)



### Model ATA1300

Scanner glass mount antenna kit, receives only. 25 – 1300MHz, maximum power 50 watts. Antenna is 22<sup>1/2</sup> 17-7ph stainless steel black finish. 3M high strength adhesive tape. 16' of RG58 hard wired to coupler box, complete with BNC connector.

(NOTE: Some newer automobiles are equipped with "passivated glass" which does not permit on-glass antennas to work properly. Please check your owner's manual or your dealer.)



### Model ATARM

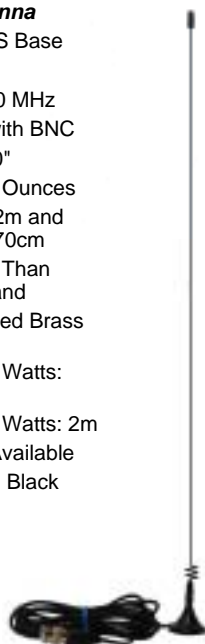
Remount Kit for all on-glass antennas.

## MINI MOUNTS

### Model IHMM270

#### Compact VHF/UHF Antenna

- 1-1/8" Dia. Black ABS Base
- Rare Earth Magnet
- 144-148 and 440-450 MHz
- 9" of RG174 Cable with BNC
- Height: Less than 20"
- Weight: Less than 2 Ounces
- 1/4 Wave Length at 2m and 5/8 Wave Length at 70cm
- Typical VSWR: Less Than 1.5:1 Through the Band
- Black-Chrome Finished Brass Ferrule
- Maximum Power: 25 Watts: 70cm
- Maximum Power: 50 Watts: 2m
- Replacement Whip Available
- 17-7ph SS Whip with Black Finish



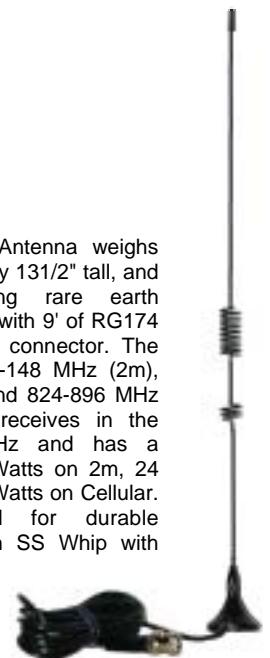
### Model IHMM144

VHF Mini Magnet Antenna  
 Frequency: 140-148 MHz  
 Gain: 3 dB  
 VSWR: Less than 1.5:1  
 Impedance: 50 ohm  
 Input Power Capacity: 25 W  
 Cable: 9' RG-174 A/U BNC Plug  
 Rare Earth Magnet  
 17-7ph SS Whip with Black Finish

**NOT SHOWN**

### Model IHMM3

This Portable Scanner Antenna weighs less than 2 ounces, is only 13 1/2" tall, and features a super-strong rare earth magnetic base pre-wired with 9' of RG174 cable leading to a BNC connector. The IHMM3 transmits at 144-148 MHz (2m), 440-450 MHz (70CM), and 824-896 MHz (Cellular). The IHMM3 receives in the range of 100-1200 MHz and has a maximum power of 40 Watts on 2m, 24 Watts on 70CM, and 15 Watts on Cellular. Black powder coated for durable performance and 17-7ph SS Whip with Black Finish.





## DUAL BAND

### Model IHQ144-440

One Antenna to Cover it All! 19" Stainless Steel Whip with Standard 3/8 x 24 Threads. 17-7ph SS Whip with Black Finish. Great for all band scanners 25 MHz - 1.3 GHz.

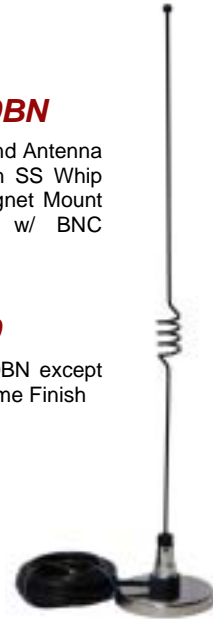
<u>SPECS</u>	<u>2 Meter</u>	<u>70CM</u>
MHz Freq...	144-148	435-450
SWR.....	< 2:1	< 2:1
Gain.....	Unity	2.1dB over 1/4 wave.
Power FM..	50 Watts	50 Watts

### Model ATM144-440BN

144-440 MHz Range Dual Band Antenna Kit Covers it All! 19" 17-7ph SS Whip with Black Finish with 3" Magnet Mount and 12' of RG58 Cable w/ BNC Connector. Chrome Finish

### Model ATM144-440

Same as Model ATM144-440BN except with PL-259 Connector. Chrome Finish



Got a Special Project / Contract?  
WE CAN HELP!!

### Model IHMO144-440

One Antenna to Cover it All! 19" 17-7ph SS Whip with Black Finish. 1-1/8" Threads Match IronHorse® Mounts and 3/4" Hole Motorola TAD/TAE Mounts. Great for all band scanners 25 MHz - 1.3 GHz.

<u>SPECS</u>	<u>2 Meter</u>	<u>70CM</u>
MHz Freq...	144-148	435-450
SWR.....	< 2:1	< 2:1
Gain.....	Unity	2.1dB over 1/4 wave.
Power FM..	150 Watts	150 Watts



### Model IHUC-270

Dual Band Antenna

Frequency: 144/430 MHz

Gain: 5.0 dB (144 MHz)

7.6 dB (430 MHz)

17-7ph SS Whip

VSWR: Less than 1.5:1

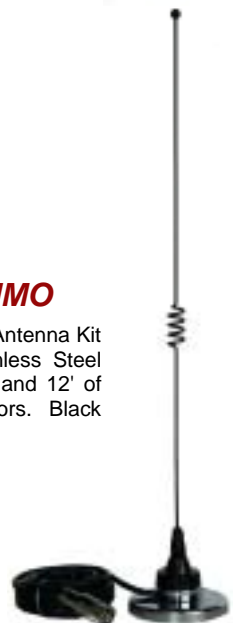
Impedance: 50 ohm

Max Power: 150W

PL-259 Connection

### Model ATM144-440 NMO

144-440 MHz Range Dual Band Antenna Kit Covers it All! 21" 17-7ph Stainless Steel Whip with 3-1/4" Magnet Mount and 12' of RG58 Cable w/ PL-259 Connectors. Black Finish





# Amateur Band Antennas

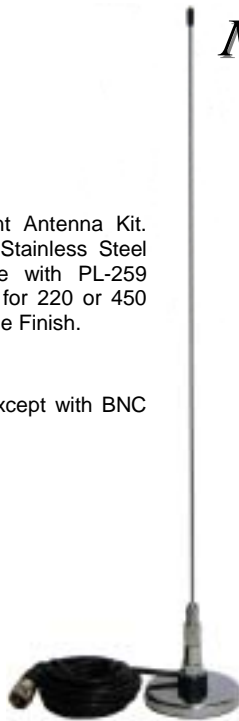
## MONO BAND

### Model A002

2 Meter Magnetic Mount Antenna Kit. Complete with 17-7 ph Stainless Steel Whip, 12' of flex cable with PL-259 Connector. Can be cut for 220 or 450 MHz. Available in Chrome Finish.

### Model A002BN

Same as Model A002 except with BNC Connector.



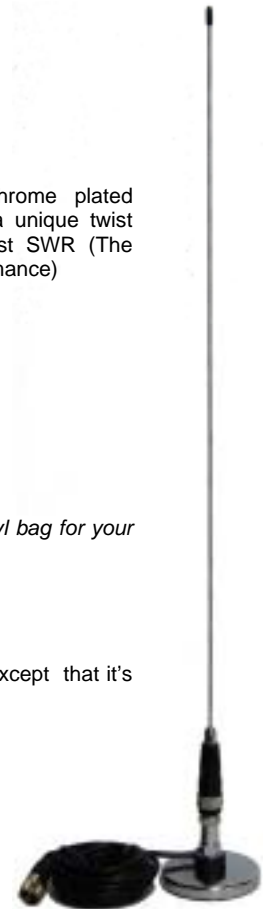
### Model PE-48M

The Pony Express 10 Meter Chrome plated Magnetic Mount Antenna Kit has a unique twist tuning for easy adjustment for best SWR (The lower the SWR the better the performance)

- High impact base coil
- 48" total length
- 3/8 x 24 mounting base
- Power rated 25 Watts
- SWR 1.2 or less
- Poly bagged in heavy duty vinyl bag for your customer's final inspection.

### Model PE-48

Same as the Pony Express above except that it's a the antenna only.



### Model NMOQ

Quarter Wave Antenna  
Includes Chrome Nut,  
17-7PH Whip, Rubber  
Washer, and Contact  
Cut to size  
Frequency Range  
136~860 MHz



### Model PE-2

VHF Mobile Antenna  
Frequency: 144 MHz  
Unity Gain  
VSWR: 1.5:1  
PL-259 Connection  
Shock Spring  
17-7 ph Stainless Steel Whip

ATOC Technologies can  
design complete system  
for fit your customers needs!

# Amateur Band Antennas



## MONO BAND CONT.

### IHA Series

5/8 Wave Black Antenna  
3/8 x 24 Mount w/ 17-7 SS Whip  
350 Watt Rated

<u>Model</u>	<u>Frequency</u>
<b>IHA144</b>	144~149 MHz
<b>IHA220</b>	220~225 MHz

### IHK Series w/ PL-259

5/8 Wave Black Antenna Kits  
Includes Chrome Magnet Mount, IHA Series Antenna, 1/4 Wave Whip, 350 Watt Rated, and a PL-259

<u>Model</u>	<u>Frequency</u>
<b>IHK144PL</b>	144~149 MHz
<b>IHK220PL</b>	220~225 MHz

### IHK Series w/ BNC

Same as above except w/ a BNC Connection.

<u>Model</u>	<u>Frequency</u>
<b>IHK144BNC</b>	144~149 MHz
<b>IHK220BNC</b>	220~225 MHz



## BASE STATION ANTENNA KITS

### Model IHBS-270S (98.4" Long)

### Model IHBS-270L (204.7" Long)

Base Station Antenna  
2m/70cm Dual Band Fiberglass Vertical Gain Ground Plane Antenna with all mounting hardware.

#### Electrical Specifications:

	IHBS-270S	IHBS-270L
Length	2.5m (98.4")	5.2m (204.7")
Gain	2m: 6 dB 70cm: 8 dB	2m: 8.3 dB 70cm: 11.7dB
Configuration	2m: 5/8 Wave 2-Element 70cm: 5/8 Wave 4-Element	2m: 5/8 Wave 3-Element C-Load 70cm: 5/8 Wave 8-Element C-Load
Frequency	144~148 MHz	435~450 Mhz
Max Power	200 Watts	200 Watts
Impedance	50 ohm	50 ohm
VSWR	Less than 1.5:1	Less than 1.5:1
Connector	SO-239 (UHF)	SO-239 (UHF)







# Amateur Band Antennas

## Model IHRD-144S

VHF Antenna  
Frequency: 144~148 MHz  
SWR: Less than 1.5:1  
Connector: BNC Male  
Length: 4.5"



## RUBBER DUCKS

### Model IHRD-144L

VHF Antenna  
Frequency: 144~148 MHz  
VSWR: Less than 1.8:1  
Connector: BNC Male  
Length: 6.75"



### Model IHRD-135L

VHF Antenna  
Frequency: 135~155 MHz  
Gain: 3.5 dB  
VSWR: Less than 1.5:1  
Rod: 6 sect. telescope  
Connector: BNC Gold Plated Male  
Length: 39" Extended  
10.25" Collapsed



### Model IHRD-270L

Dual Band Antenna  
Frequency: 144/430 MHz  
VSWR: Less than 1.5:1  
Connector: BNC Male  
Length: 15.25"



### Model IHRD-144SMA

VHF Antenna  
Frequency: 144 MHz  
Whip: Shape Memory Alloy  
Connector: SMA plug  
Length: 7.75"



### Model IHRD-270SMAL

Dual Band Antenna  
Frequency: 144/430 MHz  
Whip: Shape Memory Alloy  
Connector: SMA Gold Plated Male  
Length: 17"



### Model IHRD-270SMA

Dual Band Antenna  
Frequency: 144/430 MHz  
Whip: Shape Memory Alloy  
Connector: SMA plug  
Length: 8"

### Model IHRD-270S

Dual Band Antenna  
Frequency: 144/430 MHz  
Gain: 2.15 dB  
VSWR: Less than 1.5:1  
Max Power: 10W  
Connector: BNC  
Length: 7.5"



### Model IHWINSMA

Is a Dual Band Antenna Kit that includes the antenna you see above, plus the ATOC IH-18 SMA Window Mount.



# Mounts and Accessories



### Model ATT5

12 mm Hole trunk mount with fixing knob.  
Metal/black



### Model IHCU-114

Heavy duty trunk lip mount with swivel feature. 3/8x24 beehive top mount hardwired connection required for installation.



### Model ATT6

12 mm Hole trunk mount with fixing knob.  
Metal/black



### Model IHCU-114C

Heavy duty trunk lip mount with swivel feature. 3/8x24 beehive top mount, SO-239 connection for quick cable installation and 18' RG-58U low loss hardwired cable with mini-UHF's in-line connectors for easy installation.



### Model IH-102L

The antenna mount that's made to be permanent. This side body mount comes in a flat black finish and is made of high impact plastic. Insert hole is 3/8-24 thread made of brass.

### Model IRM-34

Motorola hole mount with 17' RG-58U, PL-259 Cable, and chrome plated brass.



### Model IHC-18

SMA Female window mount with 8' RG-174U and SMA Male connector. All connectors gold plated  
Metal/Black

### Model IHDL

60 watt dummy load with heat sink

- SWR: 1.10 (250 MHz), 1.20 (450 MHz)
- Power: 20W (cont.), 60W (max.)
- Impedance: 50 ohm
- Connector: Gold Plated PL-259



### Model IH-102L

The antenna mount that's made to be permanent. This side body mount comes in a flat black finish and is made of high impact plastic. Insert hole is 3/8-24 thread made of brass.



### Model IHC-20

Extension BNC Suction Mount  
Easy to install with 2 strong suction cups and 6' RG-58U cable, BNC Male chrome plated brass connector at end.



### Model IHC-19

BNC Female window mount with 8' RG-174U and BNC Male connector. All connectors black chrome plated  
Metal/Black

### Model IH-102L

The antenna mount that's made to be permanent. This side body mount comes in a flat black finish and is made of high impact plastic. Insert hole is 3/8-24 thread made of brass.

- Frequency: 1.3~255 MHz (VHF)  
350~450 MHz (UHF)
- Power: 500W (1.3~35 MHz), 300W (50~540 MHz)
- Insertion Loss: Less than 0.2 dB
- Isolation: 60 dB
- SWR: Less than 1.2:1
- Connector: PL-259, SO-239 or **Model IH-102L** for a N Female optional.



# MOUNTS & ACCESSORIES



### Model IHC-201 & IHC-201N

**IHC-201:** UHF Deluxe coax switch. 1kw power w/ grounding tab.

**IHC-201N:** "N" Deluxe coax switch. 1kw power w/ grounding tab.



### Model IH-605S

Three inch (3") ball mount with SO-239 connection.



### Model IH13

Heavy Duty Antenna Quick Disconnect w/ Chrome Plated Brass Body. Stainless Steel Spring & Pin, 3-1/4" Long (Fits IHKD3S)



### Model IH29AD

"Gum Drop" roof and flat surface mount for plug to plug. Flat Black Finish w/ Chrome Plated Brass fittings.

### Model IH-605L

Three inch (3") ball mount with lug connection.



### Model IHDAK

Dual Adaptor Mount for terminal lug applications. Accepts 2 antennas for vertical and horizontal dipole. 6061-T6 Aircraft Aluminum (NOTE: Antennas sold separately.)



### Model IH15

Quick disconnect with chrome plated brass body fits 3/8" x 24 antenna and mounts, w/ 2 locking pins.



### Model IHDAKAD

Dual Adaptor Mount with one SO-239. Accepts 2 antennas for vertical and horizontal dipole. 6061-T6 Aircraft Aluminum (NOTE: Antennas sold separately.) SHOWN ABOVE



### Model IH16

Quick disconnect with chrome plated knurl brass body fits 3/8" x 24 antenna and mounts, w/ 2 locking pins.

### Model IHBHW

Iron Horse Beehive chrome x-large washer. Used on all style beehive mounts.



### Model ANSO

Adaptor: NMO to SO239 chrome plated brass.



### Model IHKD3S

Quick disconnect mounting kit for ease in switching HF Antennas. Just push, turn, and Go! Brass Chrome Plated



### Model IH-EZ

E-Z over antenna adapter. Spring loaded for 90° fold over. Chrome plated brass with stainless steel spring and pin with 3/8-24 Thread

### Model AN38

Adaptor: NMO to 3/8" x 24 chrome plated brass.



# Mounts & Accessories



Model IHSSW-24



Model IHSSW-56



Model IHSSW-62

## Replacement Whips 17-7 ph Stainless Steel

IHSSW-24	Straight 24" x .100
IHSSW-56	Straight 56" x .100
IHSSW-62	Straight 62" x .125

### Model IHF-100

Chrome brass plated ferrule for 60" whip with set screws... .100 hole, 3/8" x 24 fitting.



### Model IHF-125

Chrome brass plated ferrule for 60" whip with set screws... .125 hole, 3/8" x 24 fitting.



### Model IH12AD

Heavy Duty Double Groove Mirror Mount with SO239



### Model IHSB-1

This one of two new stake bed mounts for the serious amateur on the go. The mount is constructed of stainless steel and locates the antenna on either side of the bed. Expandable rubber base locks mount when tightened for secure fit. Great for HF stick and 102" stainless steel whip. Fits most pickup truck models and brands. *NOT SHOWN*

### Model IHSB-2

Same as above, but with SO239 and 3/8 - 24 threaded stud. **SHOWN**



### Model IH15AD

Heavy Duty Aluminum 6061-T6 Aircraft Alum. 3-Way Mirror Mount with Top Beehive Mount - SO239 Connector for PL-PL Hook-ups

### Model IH16AD

Extra Heavy-Duty SO239 for BIG Antenna Systems



### Model IH17AD

Extra Heavy Duty 3-Way Mirror Mount for BIG Antenna Systems. Heavy Duty Double Groove



### Model QB16-1

Polarized quick disconnect 2 pin. 1' - 16 gauge

### Model QB10-2

Polarized quick disconnect 2 pin. 2' - 10 gauge

### Model QB10-4

Polarized quick disconnect 2 pin. 4' - 10 gauge

### Model IH53

Polished Medium Duty Stainless Steel 4" Spring



### Model IH54

Polished Heavy Duty Stainless Steel 5" Spring

### Model IHSB-3

This is number two in our new stake bed mounts for the serious amateur, whether it's competition time or just on the go. The mount is constructed of stainless steel and locates the antenna directly over the truck bed rail. Expandable rubber base locks mount when tightened for secure fit. Great for HF stick and 102" stainless steel whip. Fits most pickup truck models and brands. *NOT SHOWN*

### Model IHSB-4

Same as above, but with custom H/D right angle SO239 and 3/8 - 24 threaded stud. **SHOWN**





# MOUNTS & ACCESSORIES



## **IH8 Clear Series Cable**

High quality super mini 8 cable. 100% tinned copper shield. True 50 ohm cables. Tinned copper standard center conductor for better flexibility.

### **Model**

- IH8X3C**
- IH8X6C**
- IH8X9C**
- IH8X12C**
- IH8X18C**
- IH8X21C**

### **Description**

- 3' Mini 8 single cable clear plug to plug*
- 6' Mini 8 single cable clear plug to plug*
- 9' Mini 8 single cable clear plug to plug*
- 12' Mini 8 single cable clear plug to plug*
- 18' Mini 8 single cable clear plug to plug*
- 21' Mini 8 single cable clear plug to plug*



## **Model IH30AD**

H/D surface mount with large washer, complete w/ hex and SO-239 connector



## **Model IH20AD**

3/8" x 24 Mounting System  
Straight Hex w/ Chrome Plated  
Brass SO-239 Connector



## **Model IH-135**

The bracket that covers it all. Universal adjustable bracket for most mobile amateur radios on the market today. Adjustable from 2" - 9". Comes in flat black



## **Model IHC-17**

17' RG-58 A/U Coaxial; attached with PL-259 and SO-239 connectors at both ends w/ locking nut. Molded plugs to keep bad weather out.



## **Model VS-8**

CB Extension Speaker  
2-1/2" Speaker 8-Ohm Impedance MAX  
Power, 5 Watts, 12 ft. Cord w/ 3.5 mm  
plug swivel mounting bracket, all  
hardware included.



STAINLESS STEEL

## **Model IHTH-1**

### **Trailer Hitch Mount**

Heavy Duty Trailer Hitch Antenna Mount. All stainless steel with 3/8" x 24 Hex w/ Chrome Plated Brass SO-239 Connector

# MOUNTS & ACCESSORIES



**NEW**

## Model MM340

3" Dia. Magnetic Mount featuring a hex post on top that accepts standard 3/8" x 24 antennas up to 24". Pre-wired with 12' of RG58 cable to PL-259 Chrome plated.

## Model MM340SO

Same as above except w/ a SO-239 connection.

## Model MM340NMO

Same as above except w/ NMO connection



**NEW**

## Model MM540

5" Dia. Magnetic Mount featuring a hex post on top that accepts standard 3/8" x 24 antennas up to 24". Pre-wired with 12' of RG58 cable to PL-259 Chrome plated.

## Model MM540SO

Same as above except w/ a SO-239 connection.

## Model MM540NMO

Same as above except w/ NMO connection

**NEW**

## Model MM440

4" Dia. Magnetic Mount featuring a hex post on top that accepts standard 3/8" x 24 antennas up to 24". Pre-wired with 12' of RG58 cable to PL-259 Chrome plated.

## Model MM440SO

Same as above except w/ a SO-239 connection.

## Model MM440NMO

Same as above except w/ NMO connection



## Model IH3501

**3x5" MuleHorse Magnetic Mount Kits**  
Magnet Mount Kit (shown) features three 5" magnets properly spaced on a heavy duty aluminum frame. The IH3501 is pre-wired with 17' of RG58 coax and PL-259 connector. Accepts standard 3/8" x 24 antennas.  
Triple Chrome Plated

## Model IH3501-SO

3x5" MuleHorse Magnetic Mount Kits w/ SO-239

## Model IH3501-NMO

3x5" MuleHorse Magnetic Mount Kits w/ NMO Mount



**ALL MAGNETIC MOUNTS HAVE SUNGRIP SEAL ON THE BOTTOM TO PREVENT SCRATCHING**

## Model IH4501

**4x5" MuleHorse Magnetic Mount Kits**  
Magnet Mount Kit features four 5" magnets properly spaced on a heavy duty aluminum frame. The IH4501 is pre-wired with 17' of RG58 coax and PL-259 connector. Accepts standard 3/8" x 24 antennas.  
Triple Chrome Plated

## Model IH4501-SO

4x5" MuleHorse Magnetic Mount Kits w/ SO-239

## Model IH4501-NMO

4x5" MuleHorse Magnetic Mount Kits w/ NMO Mount

ATOC Technologies can...  
...design complete system  
for fit your customers needs!



# Connectors



**Model 100-1**  
BNC Male to UHF Female



**Model 100-9**  
UHF Female solder, panel receptacle.



**Model 100-15**  
UHF Double Female long type 2" long.



**Model 100-22**  
Right angle UHF Male to UHF Female



**Model 100-2**  
N Female to N Female



**Model 100-10**  
UHF Female bulk head

**Model 100-16**  
UHF Double Female long type 4" long.

**Model 100-17**  
UHF Double Female long type 6" long.



**Model 100-23**  
SMA Male to BNC Female



**Model 100-3**  
N Male to BNC Female



**Model 100-18**  
Mini UHF Male to UHF Female



**Model 100-26**  
SMA Male to SO-239 Female



**Model 100-4**  
N Male to UHF Female



**Model 100-11**  
Right angle UHF Female twist on for RG-58.



**Model 100-19**  
SMA Male to BNC Male



**Model IHMP-4**  
4 Pin Metal Female Microphone Plug



**Model 100-5**  
Right Angle N Male to N Female

**Model 100-12**  
Right angle UHF Female twist on for RG-59.



**Model 100-20**  
SMA Female to BNC Male

**Model IHMP-5**  
5 Pin Metal Female Microphone Plug

**Model IHMP-6**  
6 Pin Metal Female Microphone Plug

**Model IHMP-8**  
8 Pin Metal Female Microphone Plug



**Model 100-6**  
For RG-8U PL-259 UHF Plug twist type Amphenol style.



**Model 100-13**  
UHF Double Male



**Model 100-21**  
SMA Female to BNC Female



**Model IHEP-4**  
4 Pin Metal Extension Microphone Plug

**Model IHEP-5**  
5 Pin Metal Extension Microphone Plug

**Model IHEP-6**  
6 Pin Metal Extension Microphone Plug

**Model IHEP-8**  
8 Pin Metal Extension Microphone Plug



**Model 100-7 & 100-8**  
100-7: Reducer for PL-259 RG-58  
100-8: Reducer for PL-259 RG-59



**Model 100-14**  
UHF Male to Female lightening arrestor.

**Model KIT1**  
**Connector Kit** (you asked for it, you got it)  
(1) BNC Male to SO-239 Female, (1) SMA Male to BNC Female, and (1) SMA Male to SO-239 Female. NOT SHOWN

## *...More about ATOC Technologies, Inc.*



### *The Quality Team Of Today, The Quality Team For The Future*

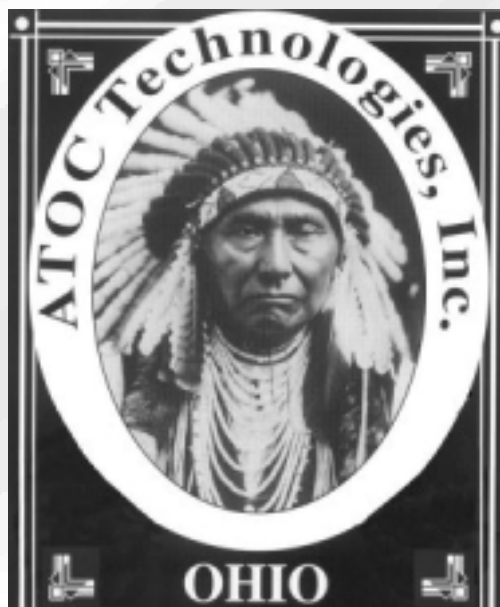
ATOC Technologies, Incorporated, is a premier manufacturer of Antennas, Mounting Hardware, and Wiring Harnesses for the Professional Amateur HF Market. With over 25 years of manufacturing expertise, ATOC has concentrated and focused on the personal communication markets.

### *World Class Quality*

ATOC has many goals for success with the utmost importance being quality. ATOC has many quality systems in operation, adhering to the ISO 9002/QS 9000 Standards. ATOC is striving to become the leader for the mobile communications industry, with innovative designs and new technology. As a fresh, young company, ATOC has already developed several design and function patents to our credit.

### *Our Growth Capabilities*

In striving to become the "supplier of choice" in the mobile communications industry, ATOC is employing many innovative designs along with new and advanced technology. In addition to our current products, ATOC is able to assist customers in the GPS market, the two-way, AM-FM, cellular, CB, and marine market. ATOC consistently maintains its high level of integrity in "the business" by not only sales and service, but by its pride in people and old-fashioned hard work. We believe that mutually respectful and profitable relationships are the key to all of our successes.







Your Success... Is Our Business

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