WINEGARD DIGITAL & HD ACCESSORIES

SPLITTERS

SP-1002

82 CHANNEL SPLITTER (VHF/UHF/FM)

2-way line splitter (5-1000 MHz). Cast metal housing with ground connection, indoor use only. For coupling or dividing signals on 75 ohm coaxial line. Splitter has F-type connections for RG-59, RG-6 or RG-11/U cable, connectors not included. Average loss: -3.3 dB VHF, -3.8 dB UHF. Bulk (24), order SP-1X02, connectors not included. AC/DC passive all sides.

SP-2052

Same as SP-1002 except 40-2050 MHz. Average loss: -4 dB 40-950, -6 dB 1000-2050. For bulk order SP-2X52.



SP-1004

82 CHANNEL SPLITTER (VHF/UHF/FM)

4-way line splitter (5-1000 MHz), cast metal housing with ground connection. Indoor use only. For coupling or dividing signals on 75 ohm coaxial line. Splitter has F-type connections for RG-59, RG-6 or RG-11/U cables, connectors not included. Average loss: -6.6 dB VHF, -7.5 dB UHF. For bulk, order SP-1X04, connectors not included. AC/DC passive on all sides.

SP-2054

Same as SP-1004 except 40-2050 MHz. Average loss: -7.5 dB 40-950, -11 dB 1000-2050. For bulk order SP-2X54.



GROUND BLOCKS

GB-8100 **GROUND BLOCK**

Cast ground block for coaxial cable. GB grounding blocks accept RG-6/U, RG-59/U or RG-11/U type cable through standard F-type connectors.

For dual, order GB-8200.



OT-8700 OUTLET (75 OHM INPUT)

Flush mount 75 ohm TV outlet, ivory. Input and output connection through 75 ohm F-jack. Not isolated, no connectors. AC passive.

0T-8740 white

OUTLETS

0T-8701 brown

0T-8702 same as OT-8700 but with two 75 ohm F-jacks, ivory.



75 ohm wall outlet with built-in splitter allows extra wall outlet to be installed, or cable may be run directly to TV set. F-type connecters and plaster strap supplied. -4.0 dB loss. AC/DC blocking, white.



ST-7700

SELECTABLE ISOLATION LINE TAP-OFF

Low insertion loss and excellent VSWR, Isolation values of 12, 15 and 20 dB are available

TT-5901 TERMINATOR for above tap-offs. Use one on last tap in each trunk line.



Low profile surface-mounting box for TV outlets or line tap-offs. Ideal for locations where flush mounting is not practical. Rugged plastic box mounts on any flat surface, accepts any outlets above. Mounting screws included. White only.



1

CABLE CONNECTORS

RG-6/U Connectors

FC-5610 Fits RG-6/U coaxial cable. Requires hex crimp. 12/bag.

FC-0560 Same as FC-5610 in bulk pack, 1000/bag

FC-5602 Same as FC-5610 except retail packaging. 2/clamshell.

FC-5632 Weatherproof connector. Requires hex crimp. 12/bag.

FC-612C Compression weatherproof connector. Requires compression tool. 12/bag.

RG-59/U Connectors

FC-5910 fits RG-59/U coaxial cable. Requires hex crimp. 12/bag.

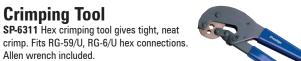
FC-0591 Same as FC-5910 in bulk pack, 1000/bag

FC-5902 Same as FC-5910 except retail packaging. 2/clamshell.

FC-5932 Weatherproof connector. Requires hex crimp. 12/bag.

Cable Stripper

CS-2000 Quickly and accurately cuts off RG-6 and RG-59 coaxial cable; adjustable.







Angle Connector

FA-9000 right angle in-line F-connector. Bulk pack, 100/bag.

Cable to Cable Connectors

FS-8100 connects two coaxial cables with F-type connectors, 6/bag FS-8102 same as FS-8100 except retail packaging. 2/clamshell, 12/master.

FS-8200 same as FS-8100 except in bulk pack, 100/bag.

Voltage Block

VB-1000 blocks AC/DC volts. Bandpass 5-1750 MHz. Loss .5 dB typical.

Terminator

FC-5610

TT-5900 DC blocking terminator for F-type connectors. Use on unused splitter ports.





















TT-5900



Winegard Company • 3000 Kirkwood St. • Burlington, IA 52601 Phone 1-800-288-8094 • Fax 1-800-247-8221 • www.winegard.com Printed in U.S.A. © 2008 Winegard Company Rev 04/10 WC-939

TELEVISION ANTENNAS FOR CITED



OVER-THE-AIR PRODUCTS

YOUR #1 SOURCE FOR DIGITAL AND HDTV **ANTENNAS**









































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ALL WINEGARD ANTENNAS ARE DTV READY!

PROUDLY SERVING THE OVER-THE-AIR INDUSTRY WITH **DIGITAL READY ANTENNAS FOR OVER 55 YEARS**



Winegard Company, based in Burlington, Iowa. is one the oldest TV antenna companies in America. Winegard prides itself on a long standing reputation for designing and building the best quality antennas and pre-amps in the U.S. with over 60 patents to date.

Founder John Winegard helped invent the home TV antenna business by developing the first "all channel" yagi antenna in 1954. He is recognized as a Pioneer by the Consumer Electronics Association (CEA). In 2005, the CEA inducted Mr. Winegard into its Hall of Fame.



John Winegard with an original yagi style antenna.

UHF ONLY AREA

VHF/UHF AREA





DO I NEED A VHF/UHF ANTENNA? MOST LIKELY, YES, HERE'S WHY...

Reception after the 2009 DTV Transition -

Since the DTV transition, over 96% of the television markets require a VHF/ **UHF** antenna in order to receive all digital frequencies, shown in gray. Just a small percentage of television markets require a UHF only antenna, areas shown in red. There are many UHF only antennas on the market. Winegard recommends you use extreme caution with these antennas since there are only a handful of small markets where a UHF only antenna is recommended.

Winegard recommends a UHF only antenna for the following television markets:

Dayton, OH Huntsville, AL Kansas City, MO Omaha, NE Peoria, IL Shreveport, LA South Bend, IN St Louis, MO Syracuse, NY

Tallahassee, FL

CO **DTV** Frequencies VHF (Io)......54-90 MHz......RF channels 2-6 VHF (hi)....174-216 MHz......RF channels 7-13 UHF470-698 MHz RF channels 14-51 UHF470-806 MHz RF channels 14-69

OVER-THE-AIR SIGNAL DISCLAIMER

Winegard recommends you check what local channels you wish to receive before purchasing your antenna since a small percentage of markets will still have low band VHF channels (2-6).

Antenna mileage figures based on average terrain with the antenna mounted at least 30' above the ground. Actual receiving distance will vary based on transmitting power, transmitting antenna tower height, lobal pattern of transmitter, height of receiving antenna, weather conditions and terrain between receiving path including trees, buildings, hills, mountains, etc.

Amplified Antennas and Preamps are not recommended less than 20 miles from the transmitters due to possible overloading. Winegard recommends an amplified antenna or preamp 20 miles or more from the transmitting towers.

Attic installations reduce signal an average of 50%. Certain building materials can totally shield the signal from the receiving antenna.

Digital broadcast signals traveling through your home or apartment lose an average of 50% of signal making it harder to receive a quality DTV signal. In some instances because of physical makeup of your dwelling you may be unable to receive all digital channels without an outdoor antenna, even if you are within a close vicinity to the DTV towers. If digital TV reception is not obtained, try moving your antenna closer to a window.

*To achieve maximum mileage range for antennas, the use of an additional preamplifier may be required. HI-Band VHF/UHF antennas do not receive FM radio signals.

Visit www.antennaweb.org to determine mileage information for your area.

WINEGARD DIGITAL & HD ACCESSORIES

75 OHM COAXIAL CABLE

Low-loss coaxial cable minimizes signal loss due to moisture and reduces termination time. Laminated aluminum foil shield provides 100% physical coverage, good flexibility and flex life. The braid shield adds increased protection against interference plus good conductivity, flexibility and tensile strength.



READY-TO-USE WITH CONNECTORS INSTALLED

CX-0008 8' RG-59 CX-0612 12' RG6 CX-0025 25' RG-59 CX-0625 25' RG6 CX-0050 50' RG-59 CX-0650 50' RG6

CX-0605 5' RG6

BULK CABLE UNREEL CARTON

CX-6100 100' RG6

DS-2000

TOWER MOUNT

UNIVERSAL PIPE/

Quick and economical

included, adaptable to

mount for adding compact

off-air antennas to satellite system. Two 2" U-bolts

different pole installations.

and wall installations. 22" pipe E-coated for maximum

weather protection.

CHIMNEY MOUNT

Galvanized steel brackets,

mounting straps and hardware

for mounting 46/60 cm satellite

DS-2416 and DS-3000 mounts.

DS-5002

Use without U-bolts for attic

CL-0260 1000' RG6 CL-2700 1000' RG-59

OUTDOOR ANTENNA MOUNTS



DS-1000 UNIVERSAL MOUNT

Designed for flat and pitched roofs: will also mount on the side of the building, fits most digital satellite home mounts. Base die cast aluminum, pipe dia, 1,66" OD, wall thickness .060", pipe height 34". Mount E-coated for maximum weather protection

UNIVERSAL PIPE MOUNT (4 PK)

Designed for outdoor antennas, small

satellite dishes and internet dishes.

Can be used on the side of a house

mounting. Mast pipe is galvanized steel, 28 inches long, and is 0.060

inches thick, with a 1.66" OD and

powder coat painted for maximum

corrosion protection. (Note: Not

designed for large antennas.)

SW-0010

TRIPOD MOUNT

3 foot heavy-duty

galvanized steel tripod mount.

or on the roof. The mount foot can be

used on either end of the pipe for best

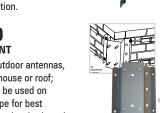
DS-2416



DS-1111

ANTENNA MOUNT

Designed for use with most digital satellite home mounts. Not for multi feed satellite systems. Clamp bracket included fits inside clamp bracket of satellite dish mount. Pipe galvanized steel, 39" long, wall thickness .060", 1.66" OD, powder coated for maximum weather protection.



DS-3000 "J" PIPE MOUNT

SW-0012

48" to 60".

TB-0005

5 FT SWEDGED MAST

GABLE END MOUNT

For mounting TV antenna to roof

gable with TB-0005. Adjustable

18 gauge galvanized steel masting

for use with SW-0012, SW-0010

Designed for outdoor antennas use on side of house or roof; mount foot can be used on either end of pipe for best mounting. Pipe galvanized steel, 38 inches long, wall thickness .060 inches, 1.66" OD, E-Coated for maximum protection (Note: Not designed for large antennas.)



CM-2012 **CHIMNEY MOUNT**

antennas and DS-2000.

Z-type 12 foot heavy-duty galvanized steel straps.



WM-2040 4" WALL MOUNT

For mounting TV antenna to side of structure.



DS-2002

U-BOLT KIT

For satellite mounts on outdoor antennas, 2 per package. Up to 2" mast.



SD-3700

ANTENNA COUPLER (VHF/UHF/FM) Used to couple any two 300 ohm antennas. Downlead connection is 75 ohm. F-type for coaxial cable. Weatherproof housing mounts easily on antenna boom or mast. All mounting hardware and connectors supplied. (AC/DC passive antenna one side.) -3.5 dB insertion loss.



CC-7870

2-SET ANTENNA COUPLER (VHF/UHF/FM) Couples two 75 ohm leads from any 2 antennas to a 75 ohm coax downlead. Input and output through standard 75 ohm F-jacks. AC/DC passive input to Set 1 side. Includes three FC-5910 connectors and mounting hardware. -3.5 dB insertion loss.

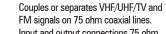


TV-2900 WEATHERPROOF TRANSFORMER

& CM-2012.

82 channel matching transformer, indoor or outdoor use. Adapts 75 ohm coax cable to 300 ohm

terminals of antenna or coupler. Includes FC-5900 connector and boot, Bulk order TV-0290, 48 per pack. Connectors not included.



CA-8800

FM signals on 75 ohm coaxial lines. Input and output connections 75 ohm F-type. AC passive on TV set side. Indoor type mounts anywhere with wood screws. Three F-connectors included. Insertion loss -0.4 dB.

FM BAND SEPARATOR/COUPLER



TV-0151 A/B VIDEO SWITCH

For permanent hookup of cable or antenna to TV set. Very high isolation (70 dB) to prevent interference between cable and antenna signals. All connections are 75 ohm F-type. Insertion loss -.75 dB.





WINEGARD DIGITAL & HD ANTENNAS

HD RADIO – FM ONLY



- 0-25 Mile Range

HD-6010 **OMNIDIRECTIONAL**



- 33" Boom Length (65.5" Max Width)
- 0-40 Mile Range

HD-6000 Avg Gain 5dB 5dB 5.2dB Avg Beamwidth 67° 72° 71°



- 82" Boom Length (71.75" Max Width)
- 0-50 Mile Range

HD6055P

	88MHz	98MHz	108MHz
Avg Gain		8.0 dB	8.6 dB
Avg Beamwidth	59°	53°	48°
lvg Front to Back	18 dB	19 dB	20 dB

WINEGARD OVER-THE-AIR ACCESSORIES

Avg Front to Back 6dB 14dB

75 OHM INPUT/OUTPUT PRE-AMPLIFIERS

AP Series & HDP-269

- Made of high impact ABS material, mast mounted for easy installation
- Low noise
- · Specialized circuitry protects against lightening pulses
- AP Series variable and switchable FM Trap
- AP-4700, AP-4800 no FM Trap
- HDP-269 fixed -12dB FM Trap



MODEL		INPU	T	OUTPUT	AVG	GAIN	AVG I	NOISE	MAX TOT	AL INPUT
	VHF	UHF	82 CH		VHF	UHF	VHF	UHF	VHF	UHF
HDP-269			75	75	12	12	3.0	3.0	175,000	175,000
AP-8700			75	75	17	19	2.8	2.8	110,000	93,000
AP-8275			75	75	29	28	2.9	2.8	29,000	30,000
AP-8780			75	75	17	28	2.9	2.7	110,000	30,000
AP-2870	75	75		75	17	19	2.9	2.9	110,000	93,000
AP-8800			75	75	29	19	2.7	2.8	29,000	93,000
AP-4700		75	75	75		19		2.9		93,000
AP-4800		75	75	75		28		2.7		30,000
AP-3700	75			75	17		2.6		110,000	

0-20 MILES No amp recommended 20-30 MILES HDP-269 25-40 MILES AP-8700, AP-4700, AP-2870, AP-3700 AP-8275, AP-8780, AP-4800, AP-8800 35+ MILES

IS AN AMP NEEDED?

DISTRIBUTION AMPLIFIERS

HDA-200

The HDA-200 has a single RF input, 24 dB gain, single RF output, with a 5-42 MHz 2-way bypass at +12 dB gain.

The HDA-200 has 0-18 dB gain control and 20 dB "switchable" FM trap to eliminate those offending FM radio stations. These features, when combined with the 12 dB of amplified gain for the 2 way 5-42 MHz return path make the HDA-200 a superior solution for the "Techno" savvy consumer.

- 24 dB Gain
- 54-1000 MHz
- Variable gain Control 0-18 dB
- Switchable FM trap
- +12 dB gain on 2-Way Bypass

HDA-100

The Winegard HDA-100 is a single RF input, 15dB gain, single RF output, with a 5-42 MHz 2-way bi-pass at -2 dB loss.





• -2 dB 2-Way Bypass

WINEGARD DIGITAL & HD ANTENNAS

HI-BAND VHF/UHF RF CHANNELS 7-69

FREEVISION Indoor/Outdoor Antenna

Ultra-compact high gain indoor/outdoor UHF/high VHF antenna specifically tuned for DTV frequencies in the USA. Experience the highest quality HD at its finest with a pure, uncompressed HD signal! FreeVision **FV-HD30** also works great in emergency situations or non-perfect weather conditions when cable or satellite signal may be lost. Antenna is easy to install, works great both indoors or outdoors and is compatible with all brands of TVs and receivers. Includes 75 ohm matching transformer and heavy duty U-bolt mounting clamp for outdoor installation.

• 174-698 MHz • 0-30 Mile Range • 13"h x 21.6"w x 6.2"d • 1.5 lbs.



FYI - Local networks are still the mostwatched TV programs.

WORKS GREAT IN A **VARIETY OF** LOCATIONS











HD-1080 Bow-tie

The **HD-1080** employs needed technology to "bow-tie" antennas that struggle to receive VHF DTV channels. The HD-1080 boosts performance on the VHF Hi-Band 2-3 times over competing bow-ties while achieving excellent UHF performance.

- 2 VHF Flements • 18.25" Boom Length
- 2 UHF Elements • 174-806 MHz
- 4.4 lbs.
- 0-35 Mile Range

HD1080M with 18" 'J' Pipe Mount

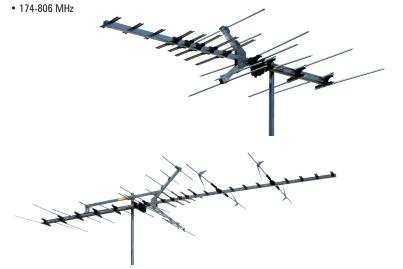


HD	-10	80	
	54-90	174-216	470-80
Avg Gain	_	-4.0 dB	7.8 dB
Avg Beamwidth	_	59°	67°
Avg Front to Back	_	0.0 dB	6.2 dB

HD769 Series PLATINUM HD

The newest medium to long range "yaqi" DTV antennas from Winegard. They feature exclusive retuning for UHF and VHF-Hi band which covers 98% of the US. Platinum antenna construction reduces antenna size and wind load while increasing element strength and performance.

*The HD769 Series antenna receives DTV channels in 98% of the United States. There are aproximately 40 local DTV stations in the US affecting 2% of the population that will have a lo band VHF DTV station.



All HDXXXXP series antennas employ a compact weather-proof cartridge housing where the phasing lines are coupled to a state of the art surface mount coupler board to ensure the most efficient transfer of digital signal. All include 75 OHM downlead connection.

HD7694P

	E4.00	174.010	470.000
	54-90	1/4-216	470-806
Avg Gain	-	8.9 dB	10.6 dB
Avg Beamwidth	_	45°	49°
n Front to Back	_	17.0dB	20.0dB

• 11 VHF Elements • 17 UHF Elements

• 65" Boom Length (35" Max Width) • 0-45 Mile Range

HD7695P

	54-90	174-216	470-806
Avg Gain	-	9.3 dB	11.1 dB
Avg Beamwidth	_	58°	42°
Avg Front to Back	_	13.2 dB	18.0 dB

13 VHF Elements • 23 UHF Elements • 90.25" Boom Length (36" Max Width)

• 0-50 Mile Range

HD7696P

	54-90	174-216	470-806
Avg Gain	-	10.3 dB	12 dB
Avg Beamwidth	-	57°	40°
Avg Front to Back	-	16.8 dB	17.5 dB

15 VHF Elements • 26 UHF Elements • 110.75" Boom Length (36" Max Width) • 0-55 Mile Range

HD7697P

	34-30	174-210	T/0-000
Avg Gain	-	11.2 dB	12.2 dB
Avg Beamwidth	_	48°	41°
Avg Front to Back	-	18.3 dB	18.0 dB

• 23 VHF Elements • 30 UHF Elements 131.25" Boom Length (53" Max Width)

• 0-60 Mile Range

HD7698P

54-90 174-216 470-806 11.5dB 13.3dB – 46° 34° Avg Reamwidth Avg Front to Back 19.3dB 15.9dB

• 29 VHF Elements • 35 UHF Elements 168.25" Boom Length (53.5" Max Width)

• 0-65 Mile Range

WINEGARD DIGITAL & HD ANTENNAS

LO-BAND VHF/HI-BAND VHF/UHF RF CHANNELS 2-69

AMPLIFIED INDOOR



One of the highest rated indoor HDTV antennas by independent testers and the NAB. The \$\$-3000 is optimized for performance across both UHF and High band VHF DTV frequencies ensuring quality DTV reception on all channels. It utilizes a surface mount circuit board for highly efficient transfer of digital signal. It also features a high input amplifier specifically designed for digital signals. The SS-3000's scatter plane reflector rejects unwanted signal bouncing around the room and locks on to the usable digital signal. When an outdoor antenna is not an option, the only choice for digital indoor reception is the SS-3000.

• 54-806 MHz

• 0-20 Mile Range

SENSAR® III



The Sensar® features great performance on the post 2009 DTV spectrum in a compact design. Unlike many compact antennas that can only receive UHF, the extended "wing" design allows the Sensar to receive the post 2009 DTV and HD channels on both the UHF and VHF band allowing reception of all DTV channels.

- VHF Gain: 15.5 dB typical
- UHF Gain: 19.5 dB typical
- 54-806 MHz

GS-2200 amplified (15-35 mile range)

GS-1100 non-amplified (0-20 mile range)

METROSTAR® 360HD



The MetroStar 360HD eliminates the need for a rotor. Its unique dual stacked driven element design locks on to HDTV and digital signals in all directions. Perfect for digital reception when your broadcast DTV stations are within 35 miles of your location, but spaced far apart. The MetroStar's internal transformer is matched for efficient transfer of digital signal.

• 54-806 MHz • 21.5" diameter

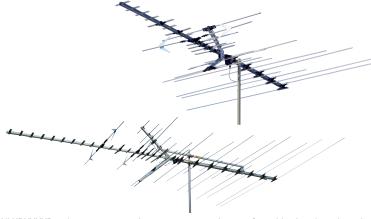
MS-1000 non-amplified no cable, 0-20 mile range MS-2000 amplified w/cable, 15-35 mile range

MS-2002 amplified no cable, 15-35 mile range

• Increases Sensar range

PLATINUM HD Series

The best built, best performing long range antennas available. Use in place of HD769 Series when lo-band VHF is needed.



All HDXXXXP series antennas employ a compact weather-proof cartridge housing where the phasing lines are coupled to a state of the art surface mount coupler board to ensure the most efficient transfer of digital signal. All include 75 OHM downlead connection.

Wingman_a

(GS-WING)

Increases UHF performance

· Attaches to existing Sensar

up to 100%

• Installs in minutes

no tools required

54-90 174-216 470-806 Avg Gain 4.3dB 9.3dB 11.1dB Avg Beamwidth 76° 41° Avg Front to Back 12.3dB 18.5dB 16.8dB

- 14 VHF Elements 25 UHF Elements
- 90" Boom Length (110" Max Width)
- 54-806 MHz 0-50 Mile Range

HD7082P

	54-90	174-216	470-80
Avg Gain	6.3 dB	10.3 dB	12.0 dE
Avg Beamwidth	73°	43°	33°
Avg Front to Back	18.0 dB	18.3 dB	16.6 dE

• 110.5" Boom Length (110" Max Width) • 54-806 MHz • 0-55 Mile Range

Avg Gain	6.3 dB	10.3 dB	12.0 dB
eamwidth	73°	43°	33°
t to Back	18.0 dB	18.3 dB	16.6 dB

HD7084P

	54-90	174-216	470-806
Avg Gain	7.0 dB	11.2 dB	12.2 dB
Avg Beamwidth	68°	36°	35°
vg Front to Back	20.0 dB	17.0 dB	15.8 dB

• 28 VHF Elements • 40 UHF Elements

• 18 VHF Elements • 32 UHF Elements

- 131" Boom Length (110" Max Width)
- 54-806 MHz 0-60 Mile Range

HD8200U

54-90 174-216 470-806 Avg Gain 5.9dB 11.5dB 13.3dB Avg Beamwidth 65° 37° 38° Avg Front to Back 18.0dB 18.8dB 19.3dB

- 75 OHM Downlead Connection
- 34 VHF Elements 35 UHF Elements • 168.25" Boom Length (110" Max Width)
- 54-806 MHz 0-65 Mile Range

PROSTAR HD Series

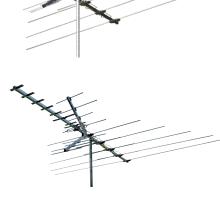
PROSTAR HD antennas provide great performance at a competitive price



- 5 VHF Elements 5 UHF Elements
- 32.75" Boom Length
- 54-806 MHz 0-35 Mile Range

HD7000R

54-90 174-216 470-806 Avg Gain .8dB 4.9dB 5.2dB Avg Beamwidth 81° 50° 53° Avg Front to Back 1.8dB 9.4dB 10.6dB



- 66.5" Boom Length
- 54-806 MHz 0-40 Mile Range

• 9 VHF Elements • 13 UHF Elements

HD-7010

	54-90	174-216	470-806
Avg Gain	2.9 dB	7.4 dB	8.9 dB
Avg Beamwidth	76°	39°	45°
Avg Front to Back	6.5 dB	9.4 dB	13.8 dB

- 12 VHF Flements 19 UHF Flements
- 87.75" Boom Length (111" Max Width)
- 54-806 MHz 0-45 Mile Range

HD-7015

54-90 174-216 470-806 Avg Gain 3.5dB 7.5dB 9.3dB Avg Beamwidth 75° 38° 44° Avg Front to Back 11.8dB 12.0dB 16.5dB

WINEGARD DIGITAL & HD ANTENNAS

UHF ONLY *RF CHANNELS 14-69*



SS-2000 Includes 12dB Amplifier (20-40 Mile Range)

SS-1000 Non-amplified (0-20 Mile Range)

• 470-806 MHz SS-2000 · Mount included

	54-90	174
Avg Gain	_	-
Avg Beamwidth	_	-
Avg Front to Back	_	-

// S	S-10	100
54-90	174-216	470-806
-	-	4.5 dB
_	-	61°

13.0dB



• 60" Boom Length (27" Max Width)

Avg Beamwidth

Avg Front to Back

Built-in 75 ohm VHF Coupling Connection

54-90 174-216 470-806

Avg Beamwidth

Avg Front to Back

Avg Front to Back

11.9dB

13.3dB

• 470-806 MHz • 0-50 Mile Range HD9075P



- 39 Active Elements • 95" Boom Lenath
- (27" Max Width)
- · Built-in 75 ohm VHF **Coupling Connection**
- 470-806 MHz • 0-65 Mile Range

HD9095P

	54-90	174-216	470-8
Avg Gain	-	-	14.5
Avg Beamwidth	-	-	37°
Avg Front to Back	_	_	11.0 d



- 13 Active Elements
- 22" Max Width
- 34" Vertical Height
- 470-806 MHz 0-50 Mile Range

HD-4400

	54-90	174-216	470-806
Avg Gain	-	-	10.3 dB
Avg Beamwidth	-	-	56°
Avg Front to Back	-	-	13.3 dB



Avg Beamwidth

Avg Front to Back

- 34" Vertical Height
- 470-806 MHz 0-60 Mile Range

HD-8800				
	54-90	174-216	470-806	
Ava Gain	_	_	11.6dB	



39°

15.1dB

HD-9022 54-90 174-216 470-806 Avg Gain -**13.5**dB

- 26 Active Elements
- 78.5" Boom Length (15" Max Width)
- Built-in 300 ohm VHF Coupling Block 470-806 MHz
 0-50 Mile Range

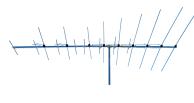


54-90 174-216 470-806 Avg Gain 14.6dB Avg Beamwidth

- 35 Active Elements
- 116.75" Boom Length (15" Max Width)
- 31.5" Vertical Height
- . Built-in 300 ohm VHF Coupling Block
- 470-806 MHz 0-60 Mile Range

VHF ONLY RF CHANNELS 2-13

23°



- 17 Active Elements
- 119.5" Boom Length (111" Max Width)
- 54-216 MHz 0-60 Mile Range

HD-5030 54-90 174-216 470-806 Avg Gain 5.7dB 8.2dB Avg Beamwidth 69° 37° Avg Front to Back 20.0dB 15.5dB



- 6 Active Elements
- 49.875" Boom Length (35" Max Width)

• 1/4-216 MHz	• 0-45	Mile Ra	inge		
YA-6713					
	54-90	174-216	470-80		
Avg Gain	-	7.0 dB	-		
Avg Beamwidth Avg Front to Back	-	60°	-		
Avg Front to Back	_	12.6 dB	_		



• 99.875" Boom Length (35" Max Width)

• 10 Active Elements

Avg Beamwidth

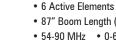
Avg Front to Back

• 174-216 MHz • 0-60 Mile Range

YA-1713 54-90 174-216 470-806 Avg Gain 9.9 dB

50°

15.4dB



- 87" Boom Length (111" Max Width)
- 54-90 MHz 0-60 Mile Range

YA-6260

54-90 174-216 470-806 Avg Gain 4.3dB Avg Beamwidth 70° Avg Front to Back 11.8dB

All YA-XXXX series antennas employ a compact weather-proof cartridge housing where the phasing lines are coupled to a state of the art surface mount coupler board to ensure the most efficient transfer of digital signal. All include 75 0HM downlead connection.