OVER-THE-AIR PRODUCTS

YOUR #1 SOURCE
FOR DIGITAL AND HDTV OTA ANTENNAS

ALL WINEGARD ANTENNAS ARE 2009 DTV READY!

ALL WINEGARD ANTENNAS ARE 2009 DTV READY!
DO I NEED A VHF/UHF ANTENNA?
MOST LIKELY, YES. HERE’S WHY...

Reception after the 2009 DTV Transition – After the DTV transition, 96% of the television markets will require a VHF/UHF antenna in order to receive all digital channels (2 – 51) shown in gray. Just a small percentage of television markets will require a UHF only antenna, areas shown in red. Winegard has a full line of VHF/UHF antennas to choose from.

Winegard recommends a UHF only antenna for the following 12 television markets:

- Bloomington, IN
- Buffalo, NY
- Dayton, OH
- Florence, AL
- Fort Wayne, IN
- Huntsville, AL
- Omaha, NE
- Peoria, IL
- Shreveport, LA
- South Bend, IN
- St. Louis, MO
- Syracuse, NY

WARNING: There are many antenna manufacturers claiming they have an HDTV antenna. Winegard recommends you be wary of these claims. Many are UHF only antennas. While these antennas will work now, you risk losing channels that are moving back to the VHF frequency after the DTV transition. Winegard VHF/UHF antennas will receive signals now and after the DTV transition.

WINEGARD’S ANTENNA LOCATOR ZONES

Based on distance to home from transmitting tower(s).

ZONE 1
0-30 miles
Metropolitan

ZONE 2
20-40 miles
Suburban

ZONE 3
30-50 miles
Far Suburban

ZONE 4
40-60 miles
Near Fringe

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. 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.
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
- Channels 2-69

GS-2200 amplified (25-35 mile range)
GS-1100 non-amplified (0-25 mile range)

**HD-1080M**:
- 0-15 Mile Range VHF, 0-35 Mile Range UHF
- Channels 2-69
- 8.25" Boom Length
- 2 UHF Elements
- 2 VHF Elements
- 0-15 Mile Range VHF, 0-35 Miles Range UHF

**HD-1080**

- 0-30 Mile Range
- Channels 2-69
- 32.75" Boom Length
- 5 UHF Elements
- 5 VHF Elements

- **Avg Front to Back – 5.8°**
- **Avg Gain – 6.7 dB**
- **Avg Beamwidth – 67°**

**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.

- Channels 2-69
- MS-1000 non-amplified no cable, 0-20 mile range
- MS-2000 amplified w/cable, 20-35 mile range
- MS-2002 amplified no cable, 20-35 mile range
- MS-2006 bulk pkg of 6 MS-2000 (includes cable)

**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
- Channels 2-69

GS-2200 amplified (25-35 mile range)
GS-1100 non-amplified (0-25 mile range)

**HD7210P**

- 0-30 Mile Range
- Channels 2-69
- 53° Boom Length
- 15 UHF Elements
- 10 VHF Elements

- **Avg Gain – 52.0 dB**
- **Avg Beamwidth – 48°**
- **Avg Front to Back – 47°**

**ZONE 2**

The HD7000R is a compact "yagi" with uniform gain across both the UHF and VHF spectrum. The uniform gain curve on both UHF and VHF and increased front to back ratio contribute to an antenna that can extend beyond the range of the Sensar, MetroStar, and bowtie antennas. The long elements at the rear of the HD7000R DTV antenna allow it to receive all digital VHF signals you will need for complete DTV programming.

- 5 VHF Elements
- 5 UHF Elements
- 32.75" Boom Length
- Channels 2-69
- 0-30 Mile Range

**HD7000R**

- **Avg Gain – 5.2 dB**
- **Avg Beamwidth – 53°**
- **Avg Front to Back – 10.6°**

**ZONE 1**

AMPLIFIED INDOOR ANTENNA

One of the highest rated indoor HDTV antennas by independent testers and the NAB. The SS-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.

- **0-30 Mile Range**
- **Channels 2-69**
- **32.75" Boom Length**
- **5 UHF Elements**
- **5 VHF Elements**

The HD-1080 employs needed technology to "bow-tie" antennas. The vertical screen and stacked "bow-tie" elements provide exceptional gain on UHF DTV channels, but struggle to receive VHF DTV channels. (In 2009 you need both UHF and VHF) The HD-1080 boosts performance on the VHF Hi-Band 2-3 times over competing bow-ties allowing you to receive all VHF DTV channels. (In 2009 you need both UHF and VHF) The HD-1080M with 18” “J” Pipe Mount

**HD1080M**

- **0-15 Mile Range**
- **Channels 2-69**
- **8.25" Boom Length**
- **2 UHF Elements**
- **2 VHF Elements**

**SS-3000**

- **0-30 Mile Range**
- **Channels 2-69**
- **8.25" Boom Length**
- **2 UHF Elements**
- **2 VHF Elements**

**HD-1080**

- **2-6**
- **7-13**
- **14-69**
- **Avg Gain – 6.7 dB**
- **Avg Beamwidth – 67°**
- **Avg Front to Back – 0.0°**

**SENSEAR® 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
- Channels 2-69

GS-2200 amplified (25-35 mile range)
GS-1100 non-amplified (0-25 mile range)

**Wingman® (GS-WING)**

- Increases performance up to 100%
- FREE digital programming
- Attaches to existing Sensar
- Installs in minutes - no tools required

**HD7210P**

- **2-6**
- **7-13**
- **14-69**
- **Avg Gain – 52.0 dB**
- **Avg Beamwidth – 48°**
- **Avg Front to Back – 47°**

**HD7000R**

- **2-6**
- **7-13**
- **14-69**
- **Avg Gain – 5.2 dB**
- **Avg Beamwidth – 53°**
- **Avg Front to Back – 10.6°**

**SS-2000 / SS-1000**

HD7210P amplifies (20-40 mile range)
HD7000R non-amplified (20-40 mile range)

- Channels 2-69
- MS-1000 non-amplified no cable, 0-20 mile range
- MS-2000 amplified w/cable, 20-35 mile range
- MS-2002 amplified no cable, 20-35 mile range
- MS-2006 bulk pkg of 6 MS-2000 (includes cable)

- **Avg Front to Back – 13.0 dB**
- **Avg Gain – 12.0 dB**
- **Avg Beamwidth – 61°**

**HD7000R**

- **Avg Gain – 5.2 dB**
- **Avg Beamwidth – 53°**
- **Avg Front to Back – 10.6°**

**SS-2000**

- **Non-amplified (0-25 mile range)**
- **Includes 12dB Amplifier (20-40 Mile Range)**
- **Non-amplified (0-20 Mile Range)**

**HD1080M**

- **0-15 Mile Range**
- **Channels 2-69**
- **8.25" Boom Length**
- **2 UHF Elements**
- **2 VHF Elements**

- **Avg Front to Back – 0.8°**
- **Avg Gain – 6.7 dB**
- **Avg Beamwidth – 67°**

**SS-3000**

- **0-30 Mile Range**
- **Channels 2-69**
- **8.25" Boom Length**
- **2 UHF Elements**
- **2 VHF Elements**

- **Avg Front to Back – 81°**
- **Avg Gain – 15.5 dB**
- **Avg Beamwidth – 59°**

**HD-1080**

- **2-6**
- **7-13**
- **14-69**
- **Avg Gain – 6.7 dB**
- **Avg Beamwidth – 67°**
- **Avg Front to Back – 0.0°**
WINEGARD OVER-THE-AIR ANTENNAS

ZONE 3
30-50 miles

HD769 Series
The newest medium to long range “yagi” DTV antenna from Winegard. The HD7694P outperforms any antenna its size. It features exclusive retuning for UHF and VHF-Hi band only, which will bring you all HDTV and DTV channels within the 7-69 range.

- Channels 7-69
- 9 VHF Elements
- 13 UHF Elements
- 66.5° Boom Length

HD7694P
Avg Gain: 8.9 dB, 10.6 dB, 49° dB
Avg Beamwidth: 45°, 45°
Avg Front to Back: 17.0 dB, 20.0 dB

HD7695P
Avg Gain: 9.3 dB, 11.1 dB
Avg Beamwidth: 58°, 42°
Avg Front to Back: 13.2 dB, 18.8 dB

HD7696P
Avg Gain: 10.3 dB, 12.0 dB
Avg Beamwidth: 57°, 40°
Avg Front to Back: 16.8 dB, 17.5 dB

HD7080P
Avg Gain: 4.3 dB, 9.3 dB, 11.1 dB
Avg Beamwidth: 76°, 41°, 42°
Avg Front to Back: 12.3 dB, 18.5 dB, 16.8 dB

HD7082P
Avg Gain: 6.3 dB, 10.3 dB, 12.0 dB
Avg Beamwidth: 73°, 43°, 33°
Avg Front to Back: 18.0 dB, 18.3 dB, 16.6 dB

FYI - Local networks are still the most-watched TV programs.

HD-7010
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

HD-7015
Avg Gain: 3.5 dB, 7.5 dB, 9.3 dB
Avg Beamwidth: 75°, 38°, 44°
Avg Front to Back: 11.8 dB, 12.0 dB, 16.5 dB

HD-4400
Avg Gain: – – 10.3 dB
Avg Beamwidth: – – 56°
Avg Front to Back: – – 13.3 dB

HD-9022
Avg Gain: – – 13.5 dB
Avg Beamwidth: – – 39°
Avg Front to Back: – – 15.1 dB

HD9075P
Avg Gain: – – 11.9 dB
Avg Beamwidth: – – 36°
Avg Front to Back: – – 13.3 dB

HD-9022
Avg Gain: – – 11.9 dB
Avg Beamwidth: – – 36°
Avg Front to Back: – – 13.3 dB

HD-9022
Avg Gain: – – 11.9 dB
Avg Beamwidth: – – 36°
Avg Front to Back: – – 13.3 dB

All HDXXXP and 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 OHM downlead connection.
WINEGARD OVER-THE-AIR ANTENNAS

ZONE 4 40-60 miles* Blue/Violet

WINEGARD OVER-THE-AIR ANTENNAS

ZONE 4

40-60 miles* Blue/Violet

Blue/Violet

All HDXXXP and 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 OHM downlead connection.

HD769 Series

The most powerful DTV antenna from Winegard. Increased elements and Trilinear directors boost DTV performance to the maximum levels. The only choice for long range DTV reception.

Substitute the HD7084P for low Band VHF reception.

- Channels 7-69

HD7084P

- 28 VHF Elements
- 40 UHF Elements
- 131” Boom Length (110” Max Width)
- Channels 2-69

Avg Gain
- 7.0dBi
- 11.2dBi
- 12.2dBi

Avg Beamwidth
- 68°
- 36°
- 35°

Avg Front to Back
- 20.0dBi
- 17.9dBi
- 15.8dBi

HD7084P

- 29 VHF Elements
- 35 UHF Elements
- 168.25” Boom Length (53.5” Max Width)
- Channels 2-69

Avg Gain
- 5.9dBi
- 11.5dBi
- 13.3dBi

Avg Beamwidth
- 65°
- 37°
- 38°

Avg Front to Back
- 18.0dBi
- 19.8dBi
- 19.3dBi

HD-9032

- 35 Active Elements
- 116.75” Boom Length (15” Max Width)
- 31.5” Vertical Height
- Channels 14-69

Avg Gain
- 6.0dBi
- 14.6dBi

Avg Beamwidth
- 36°

Avg Front to Back
- 15.4dBi

HD-9032

- 10 Active Elements
- 99.875” Boom Length (35” Max Width)
- Channels 7-13

Avg Gain
- 9.9dBi

Avg Beamwidth
- 50°

Avg Front to Back
- 15.4dBi

HD-8800

- 26 Active Elements
- 45” Max Width
- 34” Vertical Height
- Channels 14-69

Avg Gain
- 4.3dBi
- 11.5dBi

Avg Beamwidth
- 23°

Avg Front to Back
- 11.8dBi

HD-8800

- 17 Active Elements
- 87” Boom Length (111” Max Width)
- Channels 2-6

Avg Gain
- 5.7dBi
- 8.2dBi

Avg Beamwidth
- 37°

Avg Front to Back
- 15.5dBi

HD-5030

- 23 VHF Elements
- 30 UHF Elements
- 131.25” Boom Length (53” Max Width)
- Channels 2-69

Avg Gain
- 11.2dBi
- 12.2dBi

Avg Beamwidth
- 41°

Avg Front to Back
- 18.3dBi
- 18.6dBi

HD7698P

- 29 VHF Elements
- 35 UHF Elements
- 168.25” Boom Length (53.5” Max Width)
- Channels 2-69

Avg Gain
- 11.5dBi
- 13.3dBi

Avg Beamwidth
- 46°
- 34°

Avg Front to Back
- 19.3dBi
- 15.9dBi

HD7697P

- 75 OHM Downlead Connection
- 34 VHF Elements
- 35 UHF Elements
- 168.25” Boom Length (110” Max Width)
- Channels 2-69

Avg Gain
- 7.0dBi
- 11.2dBi
- 12.2dBi

Avg Beamwidth
- 68°
- 36°
- 35°

Avg Front to Back
- 20.0dBi
- 17.0dBi
- 15.8dBi

HD8200U

- 39 Active Elements
- 95” Boom Length (27” Max Width)
- Channels 14-69

Avg Gain
- 5.9dBi

Avg Beamwidth
- 65°

Avg Front to Back
- 11.0dBi

HD9095P

- 23 VHF Elements
- 40 UHF Elements
- 131” Boom Length (110” Max Width)
- Channels 2-69

Avg Gain
- 4.3dBi

Avg Beamwidth
- 70°

Avg Front to Back
- 11.8dBi

YA-6260

- UHF only

- 6 Active Elements
- 87” Boom Length (111” Max Width)
- Channels 2-6

Avg Gain
- 4.3dBi

Avg Beamwidth
- 70°

Avg Front to Back
- 11.8dBi

HD-8800

- UHF only

- 10 Active Elements
- 99.875” Boom Length (35” Max Width)
- Channels 7-13

Avg Gain
- 9.9dBi

Avg Beamwidth
- 50°

Avg Front to Back
- 15.4dBi

HD-5030

- VHF only

- 17 Active Elements
- 119.5” Boom Length (111” Max Width)
- Channels 2-13

Avg Gain
- 5.7dBi

Avg Beamwidth
- 69°

Avg Front to Back
- 20.0dBi

HD-8800

- VHF only

- 10 Active Elements
- 99.875” Boom Length (35” Max Width)
- Channels 7-13

Avg Gain
- 9.9dBi

Avg Beamwidth
- 50°

Avg Front to Back
- 15.4dBi

HD-5030

- VHF only

- 17 Active Elements
- 119.5” Boom Length (111” Max Width)
- Channels 2-13

Avg Gain
- 5.7dBi

Avg Beamwidth
- 69°

Avg Front to Back
- 20.0dBi

HD-5030

- UHF only

- 23 VHF Elements
- 30 UHF Elements
- 131.25” Boom Length (53” Max Width)
- Channels 2-69

Avg Gain
- 11.2dBi
- 12.2dBi

Avg Beamwidth
- 41°

Avg Front to Back
- 18.3dBi
- 18.6dBi

HD7698P

- VHF only

- 29 VHF Elements
- 35 UHF Elements
- 168.25” Boom Length (53.5” Max Width)
- Channels 2-69

Avg Gain
- 11.5dBi
- 13.3dBi

Avg Beamwidth
- 46°
- 34°

Avg Front to Back
- 19.3dBi
- 15.9dBi

HD7697P

- NO MONTHLY FEES

- All HDXXXP and 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 OHM downlead connection.
**WINEGARD OVER-THE-AIR ANTENNAS**

**HD RADIO – FM ONLY**

- **HD-6010**
  - OMNIDIRECTIONAL
  - 2 Active Elements
  - 10” Boom Length (67” Max Width)
  - 0-25 Mile Range

- **HD-6000**
  - 88MHz 98MHz 108MHz
  - Avg Gain
    - 5dB 5dB 5.2dB
  - Avg Beamwidth
    - 69° 72° 71°
  - Avg Front to Back
    - 6dB 14dB 16dB

- **HD6055P**
  - 88MHz 98MHz 108MHz
  - Avg Gain
    - 7.0dB 8.0dB 8.6dB
  - Avg Beamwidth
    - 59° 53° 48°
  - Avg Front to Back
    - 18dB 19dB 20dB

**WINEGARD OVER-THE-AIR ACCESSORIES**

**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
  - HDP-269, AP-4700, AP-4800 - no FM Trap

**MODEL** | **INPUT** | **OUTPUT** | **AVG GAIN** | **AVG NOISE** | **MAX TOTAL INPUT**
--- | --- | --- | --- | --- | ---
**VHF** | **UHF** | **82 CH** | **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 | 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 | 19 | 2.9 | 2.9 | 93,000
**AP-4800** | 75 | 75 | 28 | 2.7 | 2.7 | 30,000
**AP-3700** | 75 | 75 | 17 | 2.6 | 110,000

**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.
  - 15 dB Gain
  - 54-1000 MHz
  - -2 dB 2-Way Bypass

**PS-1403**
Replacement Power Supply

**IS AN AMP NEEDED?**

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

<table>
<thead>
<tr>
<th>Cable Type</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>CX-0605</td>
<td>5' RG6</td>
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<tr>
<td>CX-0612</td>
<td>12' RG6</td>
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<tr>
<td>CX-0625</td>
<td>25' RG6</td>
</tr>
<tr>
<td>CX-0650</td>
<td>50' RG6</td>
</tr>
<tr>
<td>CX-6100</td>
<td>100' RG6</td>
</tr>
</tbody>
</table>

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. Two U-bolts included.

DS-2416
UNIVERSAL PIPE MOUNT (4 PK)
Designed for outdoor antennas, small satellite dishes or internet dishes. Can be used on the side of a house or on the roof. The mount foot can be used on either end of the pipe for best 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.)

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-2000
UNIVERSAL PIPE/TOWER MOUNT
Quick and economical mount for adding compact off-air antennas to satellite system. Two 2" U-bolts included, adaptable to different pole installations. Use without U-bolts for attic and wall installations. 22" pipe E-coated for maximum weather protection.

DS-3000
"J" PIPE MOUNT
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.)

DS-5002
CHIMNEY MOUNT
Galvanized steel brackets, mounting straps and hardware for mounting 46/60 cm satellite antennas and DS-2000, DS-2416 and DS-3000 mounts.

SW-0010
TRIPOD MOUNT
3 foot heavy-duty galvanized steel tripod mount.

SW-0012
GABLE END MOUNT
For mounting TV antenna to roof gable with TB-0005. Adjustable 48" to 60".

TB-0005
5 FT SWEDGED MAST
18 gauge galvanized steel masting for use with SW-0012 & SW-0010.

COUPLERS

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
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 BAND SEPARATOR/COUPLER
Couples or separates VHF/UHF/TV and 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.
**WINEGARD OVER-THE-AIR 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-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-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-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.

### OUTLET

**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.

### TRAPS

**FT-7500**  
TRAP (INDOOR/OUTDOOR)  
Fixed 75 ohm FM trap attenuates entire FM band an average of -26 dB. AC/DC passive, reduces strong signals from local FM stations to prevent amplifier and TV set overload. Not recommended for receiving TV Channel 6.

**FT-7600**  
VARIABLE FM TRAP (75 OHM)  
Two stage variable FM trap attenuates stations in the FM band (88 to 108 MHz). When both stages are tuned to a single frequency, it will be attenuated 26 dB or about 1/20 of its previous level. When each stage is tuned to a different frequency, it will be reduced from 7 to 10 dB or 1/2 to 1/3 of the original level. Used to reduce strong signals from local FM stations and prevent overload of amplifier and TV sets. Unit is enclosed in weatherproof housing for mounting on antenna boom, mast or wall. Will pass power to antenna-mounted preamplifier. Mounting hardware, F-connectors included. (Tunable traps require the use of a scope, analyzer, or signal level meter to tune accurately).

**UT-2700**  
ADJUSTABLE UHF TRAP  
Trap may be tuned over the frequency range of 470 to 810 MHz. Features two separate traps. Both may be tuned to the same frequency to reduce it -15 dB, or separate frequencies to reduce 8.5 dB. Can be mounted indoors or out. Passes VHF frequency; AC/DC passive. (Tunable traps require the use of a scope, analyzer, or signal level meter to tune accurately).

**TA-8700**  
ADJUSTABLE ATTENUATOR  
0-17 dB. AC/DC passive. Used to reduce strong digital signal close to the home. Attenuator is completely adjustable - no fumbling with fixed in-line attenuators. Offers a minimum of -15dB of attenuation.

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**Proudly Serving the Over-the-Air Industry with Digital Ready OTA Antennas for Over 50 Years**

Winegard Company, based in Burlington, Iowa, is one of 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.