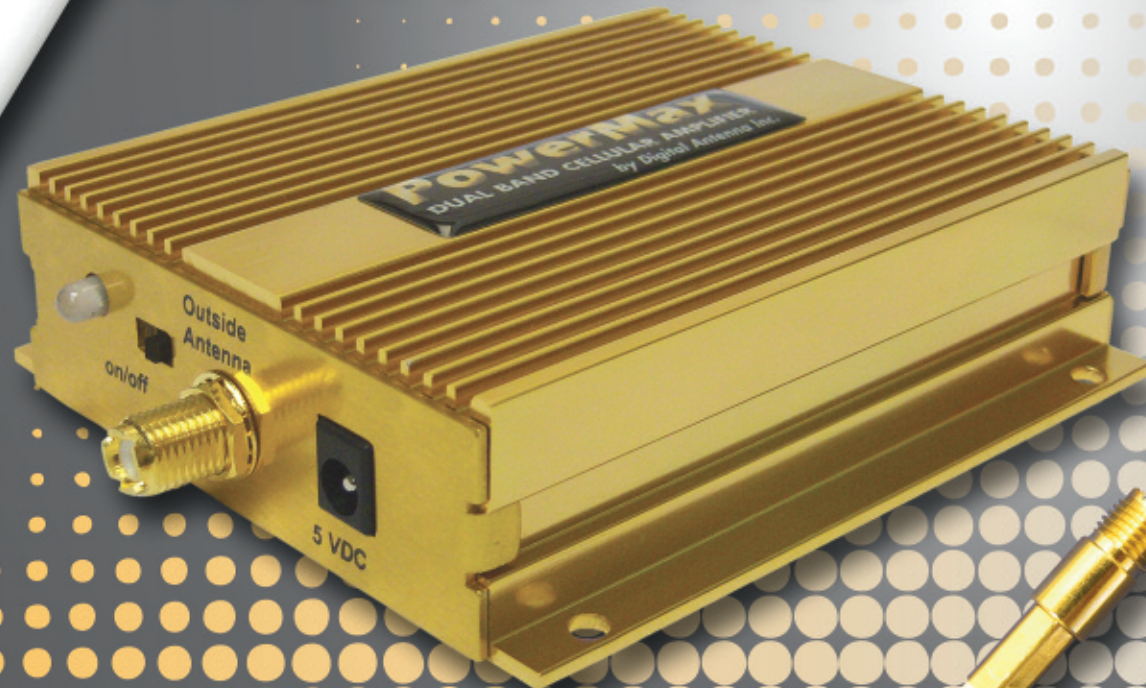


DIGITAL ANTENNA

FULL LINE CATALOG
GO FURTHER



**DIGITAL
ANTENNA**



**COMMUNICATION PRODUCTS
FOR LAND AND SEA**

CELLULAR AMPLIFIERS | LAND BASED ANTENNAS | MARINE ANTENNAS | CABLES & CONNECTORS

DIGITAL ANTENNA PRODUCT LINE



GO FURTHER ON LAND AND SEA

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NEW PRODUCTS

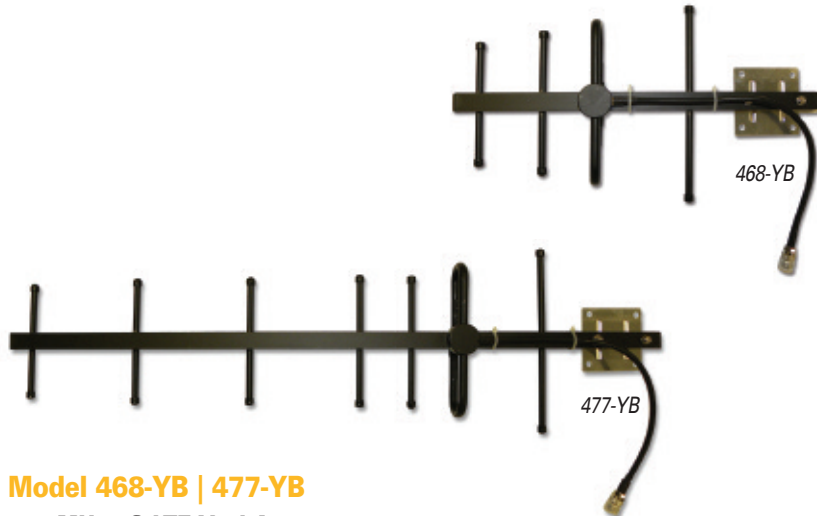
DIRECTIONAL 4G YAGI ANTENNAS

FOR EXTERIOR USE, FEATURING A RUGGED POWER COATED FINISH

NEW



Digital Antenna's new 4G yagi antennas offer high gain and a rugged powder coated finish providing outstanding corrosion resistance and longevity. All yagis have an excellent front to back ratio to block unwanted signals. For maximum performance each antenna features an outstanding VSWR of less than 1.5:1 across the entire frequency band.



Model 468-YB | 477-YB

700 MHz 4G LTE Yagi Antennas

- Frequencies: 650-830 MHz
- Gain: 477-YB 9dB | 468-YB 6dB
- Dimensions 477-YB: 31" L x 9" H x 2" D
- Dimensions 468-YB: 16" L x 9" H x 2" D
- BeamWidth 477-YB: H32° V36°
- BeamWidth 468-YB: H52° V50°
- Front to Back Ratio: >18dB
- Connector: Type N female
- Mount: Included U-bolts for pole

Model 492-YB

1550-2350 MHz 14dB Gain Yagi Antenna

- Frequencies: 1550-2350 MHz
- Gain: 14dB
- VSWR: <1.5: 1 = 1550-2350 MHz
- Dimensions: 27" l x 4" h x 1.5" d
- Beamwidth: H51° V31°
- Front to back ratio: >18dB
- Connector: Type N female
- Mount: Included U-bolts for pole



Model 424-YB

2 - 3 GHz 14dB Gain Yagi Antenna

- Frequencies: 2 - 3 GHz
- Gain: 14dB
- VSWR: <1.5: 1 = 2 - 3 GHz
- Dimensions: 23" l x 3.5" h x 1.5" d
- Beamwidth: H48° V33°
- Front to back ratio: >18dB
- Connector: Type N female
- Mount: Included U-bolts for pole



NEW PRODUCTS



WIDEBAND | MULTI-BAND ANTENNAS

REMOTE LOCATIONS | HOMES | OFFICES | BOATS | RVs



Model 457-DB

Wideband 8-10dB Gain Log Periodic Antenna 690-2700 MHz

New wideband log periodic antenna offers exceptional performance on all the major wireless carriers' frequencies as well as GPS, WiFi, and WiMax frequencies. Features an SWR of less than 1.5:1 across the entire specified frequency range. Low SWR equates to maximum power being conducted from the antenna providing maximum signal range. Includes stainless steel U-bolts for stationary mounting.

- *Frequencies: 690-2700 MHz*
- *Gain: 8-10dBi*
- *VSWR: <1.5: 1 = 690-2700 MHz*
- *Dimensions: 11.575" l x 8" h x 2.375" d
(294 x 203 x 60.325 mm)*
- *Beamwidth: H70° V50°*
- *Front to back ratio: >20dB*
- *Connector: Type N female*
- *Cable: 8" DA195*
- *Mount: Pole (1.75" max) mount*



Model 437-PW

Multi-Band 7-10dB Gain Panel Antenna 698-1000 | 1700-2700 MHz

Digital Antenna's new wideband panel antenna offers exceptional performance on all the major wireless carriers' frequencies as well as GPS, WiFi, and WiMax frequencies. Features an SWR of less than 1.5:1 across the entire specified frequency range. Model 437-PW can be mounted indoors or outdoors with the included wall bracket or optional pole mount.

- *Frequencies: 698-1000 and 1700-2700 MHz*
- *Gain: 7-10dBi*
- *VSWR: <1.5: 1 = 698-1000 and 1700-2700 MHz*
- *Dimensions: 7" l x 9" h x 1.75" d
(178 x 228 x 44.5 mm)*
- *Beamwidth: H65° V55°*
- *Use: Outside or Indoor*
- *Front to back ratio: >20dB*
- *Connector: Type N female*
- *Mount: Included wall bracket*



Model 254-WLW

18" 2.4 GHz Fiberglass WiFi Antenna

Digital Antenna's rugged, most popular 18" antenna design is now available in 2.4GHz WiFi frequencies. This universal antenna withstands harsh environments and provides exceptional performance.

- *Use: Remote Locations | Homes | Offices | Boats | RVs*
- *Frequencies: 2.4 GHz bands*
- *Gain: 10dBi*
- *Connector: Type N female*
- *Mount: L-bracket for pole/wall*
- *Dimensions: 18" l x 1" OD max*

PowerMax™ 40dB AND 60dB REPEATERS

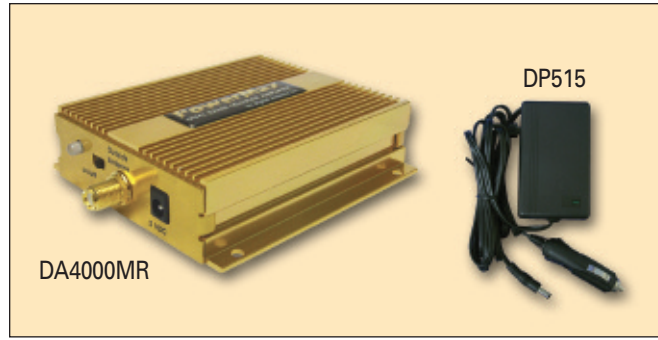
A LA CARTE REPEATERS

VEHICLES | BOATS | RVs | CARS | HOMES | OFFICES



Digital Antenna's 3 watt Dual Band Cellular and PCS repeaters are now available as single units to customize your installation (cabling, inside and outside antennas required and sold separately). These wireless repeaters available in 40 or 60dB models boost the signal strength of your cell phones or air cards up to 3 watts, improve transmit and receive signals and can be customized to use in a variety of locations. No connection to your cell phone is required allowing multiple cell phones and carriers to be used simultaneously.

DUAL BAND: FCC and IC approved for use with all North American cell phones operating on 850 or 1900 MHz (except Nextel or IDEN).



DA4000MR Includes:
3 watt, 40dB gain cellular and PCS repeater
12 VDC power converter (DP515)



DA4000SBR Includes:
3 watt, 60dB gain cellular and PCS repeater
110 VAC power supply (DP255)

- Application DA4000MR:** One room in Home, Office, RV, Automobile or Boat with Cabin. (not for use in open console boats or convertible vehicles).
- Application DA4000SBR:** Multiple rooms in Home, Office, RV, Sailboat or Large Yacht.
- Range/Performance:** Enhanced area based upon cable, antenna style and gain*.
- Advantage:** Wirelessly amplifies up to 20 cell phones.
- Requirement:** A complete structure is always required between inside and outside antennas. In addition to structure, 60dB repeater requires 25' - 40' antenna separation and 40dB repeater requires 5' - 20' antenna separation dependent upon application and antenna selection.

** Range/Performance varies based upon outside cellular signal strength. A weaker outside signal results in a smaller inside coverage area. For maximum inside coverage area, use interior and exterior directional antennas and premium PowerMax™ cable (see page 21).*

Specifications DA4000MR | DA4000SBR

Frequency	Downlink: 869-895 MHz and 1930-1990 MHz Uplink: 824-849 MHz and 1850-1910 MHz
Modulations	All voice and data
Max Output Power	3W (low bands), 2W (high bands)
Dynamic Variable Gain	DA4000SBR 53dB Max DA4000MR 43dB Max
Receive Sensitivity	-125dBm

PowerMax™ DIRECT CONNECT AMPLIFIERS (ALL PURPOSE)



DUAL BAND AMPLIFIERS

VEHICLES | BOATS | RVs | CARS | HOMES | OFFICES | M2M



DA4000

DA4000 - Direct Connect Amplifier

DUAL BAND: use with all North American cell phones operating on 850 or 1900 MHz (except Nextel or iDEN).

Add increased power and reliability to your cell phone in any application with the PowerMax™ 3 watt cellular amplifier. A direct connect amplifier is the best solution in areas of extremely low outside cellular signal or when optimum data connections are top priority. Cell phone or air card physically attaches to DA4000 amplifier via an adapter cable (see pg 13). External antenna and adapter cable sold separately. Maximum input power: 2 watts.

DUAL BAND: FCC and IC approved for use with all North American cell phones operating on 850 or 1900 MHz (except Nextel or iDEN).

DA4000E - Direct Connect Amplifier

DUAL BAND: use with all European and Asian cell phones operating on 900 and 1800 MHz



DA4000E

Direct Connect Amplifiers Include:

- 3 watt dual band amplifier (DA4000 or DA4000E)
 - 12 VDC cigarette-style power cable (DP742)
 - 2' cable with mini-UHF male connectors (240-02MM)
- External antenna and adapter cable required and sold separately

Universal Application: Vehicles, boats, RVs, cars, homes, offices.

Range/Performance: Amplifies Cellular signal up to 50+ miles*.

Solution: Designed for areas of extremely low outside cellular signal and when optimum data connections are top priority.

Advantage: Universal use; cell phone or air card physically connects to amplifier via an adapter cable or universal cell phone cradle (see page 13-14).



Specifications

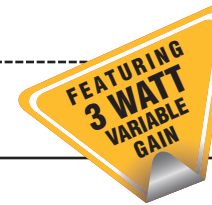
Frequency DA4000	Downlink: 869-895 MHz and 1930-1990 MHz Uplink: 824-849 MHz and 1850-1910 MHz
Frequency DA4000E	Downlink: 925-960 MHz and 1805-1880 MHz Uplink: 880-915 MHz and 1710-1785 MHz
Modulations	All voice and data
Max Output Power	3W (low bands), 2W (high bands)
Dynamic Variable Gain	15dB Max
Receive Sensitivity	-125dBm

*Increased range varies based upon height of outside antenna, type of cable used, cell phone carrier, and location of cell tower. For maximum range, place outside antenna as high as possible using ultra low-loss cable.

PowerMax™ 40dB REPEATER (VEHICLE INTERIOR)

MOBILE REPEATER SYSTEM

CARS | SUVs | VANS | TRUCKS



Experience greater cell phone power, range and reliability in your vehicle with Digital Antenna's award-winning PowerMax™ automobile wireless cell booster. The PowerMax™ 4KMR-10A boosts your cell phone and air card's signal strength to 3 watts and increases range up to 20+ miles without a physical connection to your cell phone. The result is clean and clear voice quality with maximum data throughput on all carriers except Nextel or iDEN.

DUAL BAND: FCC and IC approved for use with all North American cell phones operating on 850 or 1900 MHz (except Nextel or iDEN).

4KMR-10A System Includes:

- 3 watt, 40dB gain cellular and PCS repeater (DA4000MR)
- 12 VDC power converter (DP515)
- Internal slim patch antenna with 6' cable (CA09P)
- External 3dB gain magnetic mount antenna with 10' cable (CA55M)



Complete System 4KMR-10A

* Enhanced coverage area from inside antenna varies based upon outside cell signal strength. A weaker outside signal results in a smaller distance from inside antenna.

Mobile Application: Vehicles with metal roofs (not for use in convertibles or in vehicles with composite roofs).

Range/Performance: Amplifies cellular signals up to 20+ miles.

Advantage: Wirelessly enhances signals of multiple cell phones within a standard vehicle interior*.

Requirement: 3' separation and a metal roof between inside & outside antennas (not for use in a convertible or composite roof).

Specifications 4KMR-10A

Frequency	Downlink: 869-895 MHz and 1930-1990 MHz Uplink: 824-849 MHz and 1850-1910 MHz
Modulations	All voice and data
Max Output Power	3W (low bands), 2W (high bands)
Dynamic Variable Gain	43dB Max
Receive Sensitivity	-125dBm

PowerMax™ 40dB GAIN REPEATER (UP TO 1,500 SF)



SINGLE ROOM REPEATER SYSTEM

1 ROOM IN A HOME | OFFICE



Digital Antenna's PowerMax™ SOHO room wireless cellular booster provides enhanced cellular signals in a room up to 1,500 square feet in size. Perfect for use inside homes and offices where cell phone service is poor or non-existent, the 4KMR-30U repeater system brings the outside cellular signal indoors.

DUAL BAND: FCC and IC approved for use with all North American cell phones operating on 850 or 1900 MHz (except Nextel or IDEN).

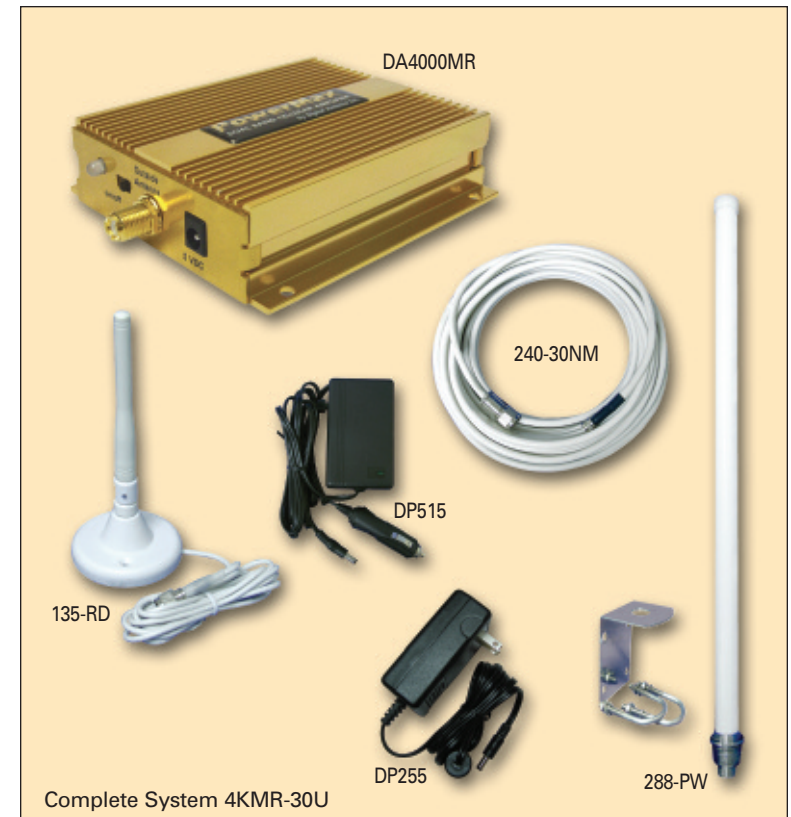
4KMR-30U 40dB Gain System

- Application:** One room in a home or office (up to 1,500 square feet).
- Range/Performance:** Enhances multiple cell phones in a room up to 8' to 12' from inside antenna*.
- Advantage:** Wirelessly amplifies up to 20 cell phones in one room.
- Requirement:** 20' separation plus a complete structure between inside and outside antennas.

* Range/Performance varies based upon outside cellular signal strength. A weaker outside signal results in a smaller inside coverage area. To increase inside coverage area, add an internal or external directional antenna (see page 16).

Specifications 4KMR-30U

Frequency	Downlink: 869-895 MHz and 1930-1990 MHz Uplink: 824-849 MHz and 1850-1910 MHz
Modulations	All voice and data
Max Output Power	3W (low bands), 2W (high bands)
Dynamic Variable Gain (Max)	43dB
Receive Sensitivity	-125dBm



Complete System 4KMR-30U

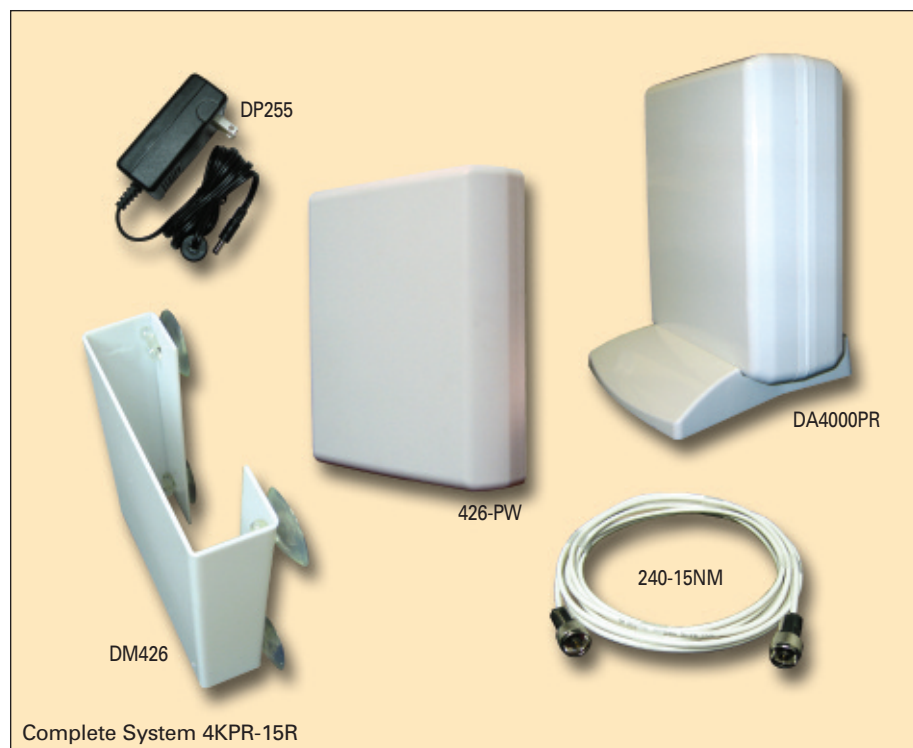
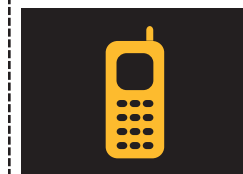
4KMR-30U System Includes:

- 3 watt dual band 40dB gain cellular and PCS repeater (DA4000MR)
- 18" external 9dB gain omni-directional antenna (288-PW)
- Internal antenna with 6' cable (135-RD)
- 30' of DA240 cable for external antenna (240-30NM)
- 12 VDC power converter (DP515)
- 110 VAC power supply (DP255)

PowerMax™ 50dB GAIN REPEATER (UP TO 2,500 SF)

PERSONAL REPEATER SYSTEM

CONDOS | APARTMENTS | DORM ROOMS | HOMES | OFFICES



A compact and simple solution to poor cellular reception inside condominiums, apartments, dorm rooms, homes, and offices, the PowerMax™ 4KPR-15R Wireless Personal Repeater provides reliable and clear cell phone communication equivalent to the cell signal strength available outside the building. A simple Do-It-Yourself (with no tools required) installation. Suction cups allow a 9dB gain antenna to securely attach to a window while the 50dB gain repeater sits on any flat surface like a desk or bookcase.

DUAL BAND: FCC and IC approved for use with all North American cell phones operating on 850 or 1900 MHz (except Nextel or IDEN).

4KPR-15R System Includes:

- 3 watt, 50dB gain cellular and PCS repeater with built-in 9dB antenna (DA4000PR)
- 110 VAC power supply (DP255)
- Window mounted 9dB gain antenna (426-PW)
- Window-mount for 426-PW antenna (DM426)
- 15' coaxial cable with attached connectors (240-15NM)

In-Building Application: Condominiums, apartments, homes, offices, dorm rooms.

Range/Performance: Wirelessly enhances signals of multiple cell phones in a room (up to 2,500 square feet)*.

Advantage: Simple Do-It-Yourself installation does not require outside installation.

Requirement: 10' separation between window antenna and repeater unit.

* Range/Performance varies based upon outside cellular signal strength. A weaker outside signal results in a smaller inside coverage area. To increase coverage area, place window mount antenna outside the building.

Specifications 4KPR-15R

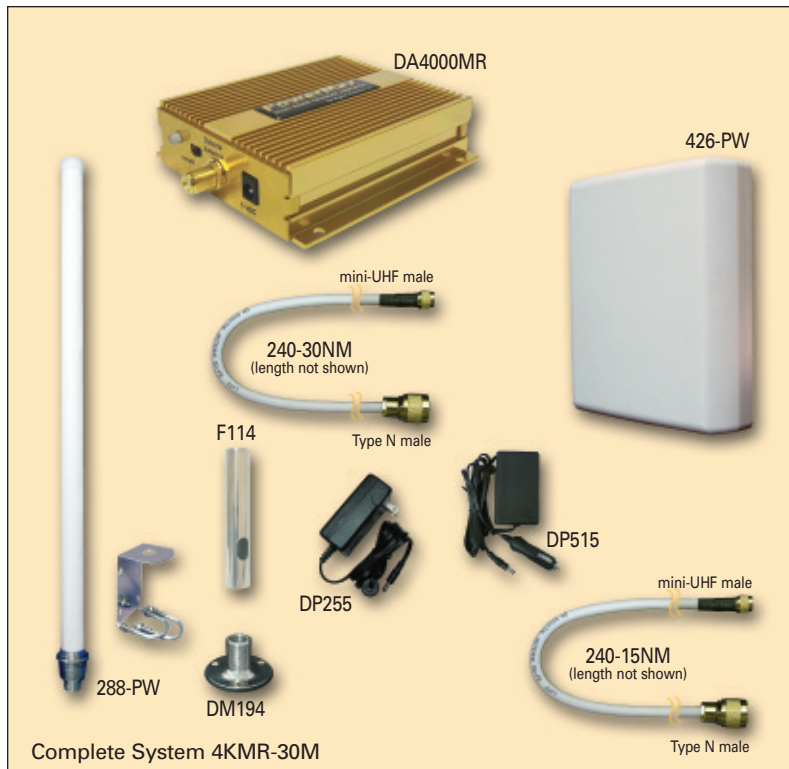
Frequency	Downlink: 869-895 MHz and 1930-1990 MHz Uplink: 824-849 MHz and 1850-1910 MHz
Modulations	All voice and data
Max Output Power	3W (low bands), 2W (high bands)
Dynamic Variable Gain	50dB Max
Receive Sensitivity	-125dBm

PowerMax™ 50dB GAIN REPEATER (UP TO 3,500 SF)



SINGLE ROOM REPEATER SYSTEM

HOME | OFFICE | BOAT WITH CABIN | RV



Get more bars with Digital Antenna's PowerMax™ 4KMR-30M wireless cell booster with directional inside antenna. This new 50dB gain wireless cellular and PCS repeater system boosts the signal strength of your cell phones or air cards to 3 watts, improves transmit and receive signals and can be used in a variety of locations. Not for use in open console boats.

DUAL BAND: FCC and IC approved for use with all North American cell phones operating on 850 or 1900 MHz (except Nextel or IDEN).

4KMR-30M 50dB Gain System

- Application:** One to two rooms in Home, Office, RV or Boat with Cabin. (not for use in open console boats).
- Range/Performance:** Enhances multiple cell phones up to 25' from inside antenna*.
- Advantage:** Wirelessly amplifies up to 20 cell phones in one to two rooms.
- Requirement:** 12' separation plus a complete structure between inside and outside antennas.

* Range/Performance varies based upon outside cellular signal strength. A weaker outside signal results in a smaller inside coverage area. To increase inside coverage area, add an external directional antenna for fixed locations only (see page 16).

4KMR-30M System Includes:

- 3 watt dual band 40dB gain cellular and PCS repeater (DA4000MR)
- 18" external 9dB gain omni-directional antenna (288-PW)
- Internal 9dB gain directional antenna (426-PW)
- 30' of DA240 cable for external antenna (240-30NM)
- 15' of DA240 cable for internal antenna (240-15NM)
- 1"-14 threaded mount (DM194)
- 1"-14 threaded mounting ferrule (F114)
- 12 VDC power converter (DP515)
- 110 VAC power supply (DP255)

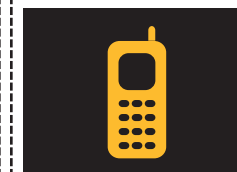
Specifications 4KMR-30M

Frequency	Downlink: 869-895 MHz and 1930-1990 MHz Uplink: 824-849 MHz and 1850-1910 MHz
Modulations	All voice and data
Max Output Power	3W (low bands), 2W (high bands)
Dynamic Variable Gain (Max)	53dB
Receive Sensitivity	-125dBm

PowerMax™ 70dB GAIN REPEATER (UP TO 4,000 SF)

MULTIPLE ROOM REPEATER SYSTEM

HOME | OFFICE | LARGE YACHT | SAILBOAT | RV



Get more bars with the most powerful repeater system on the market. Digital Antenna's PowerMax™ 4KSBR-50M 70dB gain wireless repeater system boosts the signal strength of your cell phones or air cards to 3 watts, greatly improves transmit and receive signals and can be used in a variety of locations. This translates into fewer dropped calls, clearer connections and stronger signals inside your home, office, yacht, sailboat or RV. Not for use in open console boats.

DUAL BAND: FCC and IC approved for use with all North American cell phones operating on 850 or 1900 MHz (except Nextel or IDEN).

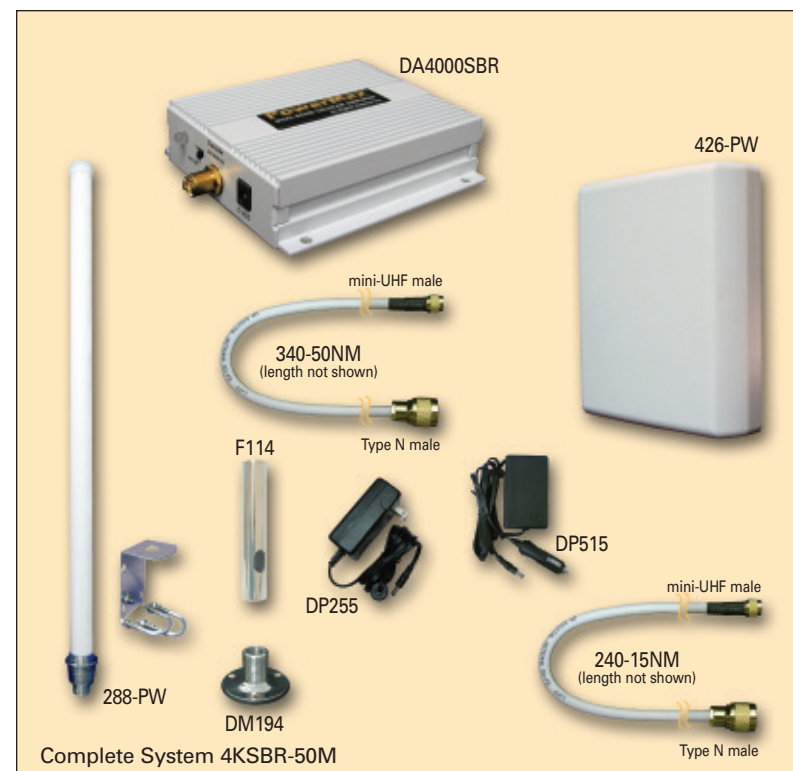
4KSBR-50M 70dB Gain System

- Application:** Multiple rooms in Home, Office, RV, Large Yacht or Sailboat. (not for use in open console boats).
- Range/Performance:** Enhances multiple cell phones up to 60' from inside antenna*.
- Advantage:** Wirelessly amplifies up to 20 cell phones in multiple rooms.
- Requirement:** 25' separation plus a complete structure between inside and outside antennas.

* Range/Performance varies based upon outside cellular signal strength. A weaker outside signal results in a smaller inside coverage area. To increase inside coverage area, add an external directional antenna for fixed locations only (see page 16).

4KSBR-50M System Includes:

- 3 watt dual band 70dB gain cellular and PCS repeater (DA4000SBR)
- 18" external 9dB gain omni-directional antenna (288-PW)
- Internal 9dB gain directional antenna (426-PW)
- 50' of DA340 cable for external antenna (340-50NM)
- 15' of DA240 cable for internal antenna (240-15NM)
- 1"-14 threaded mount (DM194)
- 1"-14 threaded mounting ferrule (F114)
- 12 VDC power converter (DP515)
- 110 VAC power supply (DP255)



Specifications 4KSBR-50M

Frequency	Downlink: 869-895 MHz and 1930-1990 MHz Uplink: 824-849 MHz and 1850-1910 MHz
Modulations	All voice and data
Max Output Power	3W (low bands), 2W (high bands)
Dynamic Variable Gain (Max)	73dB
Receive Sensitivity	-125dBm

PowerMax™ 60dB GAIN REPEATER (UP TO 5,000 SF)



MULTIPLE ROOM REPEATER SYSTEM

HOMES | OFFICES | LARGE BOATS | SAILBOATS | RVs >40'

FEATURING
3 WATT
VARIABLE
GAIN

Increase cell signals indoors with Digital Antenna's popular PowerMax™ Small Building Repeater. The complete 4KSBR-50U system is a professional grade wireless cellular booster that provides a generous coverage area of up to 5,000 square feet. Perfect for use inside where cell phone service is poor or non-existent, the 4KSBR-50U repeater system brings the outside cellular signal indoors.

DUAL BAND: FCC and IC approved for use with all North American cell phones operating on 850 or 1900 MHz (except Nextel or IDEN).

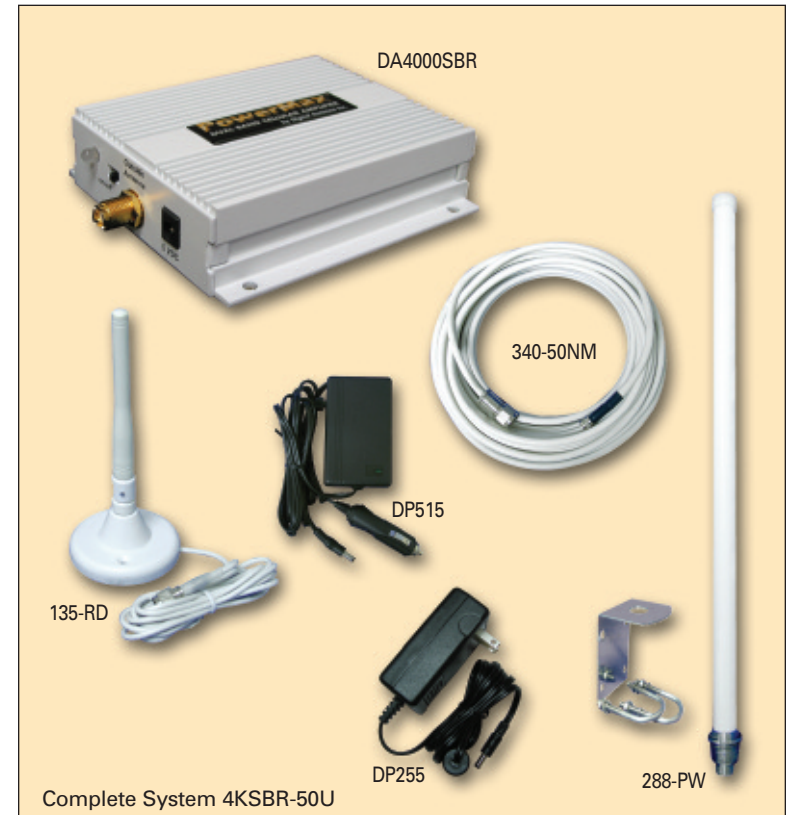
4KSBR-50U 60dB Gain System

- Application:** Multiple rooms in a home, office, RV, large yacht or sailboat (up to 5,000 square feet).
- Range/Performance:** Enhances multiple cell phones 15' to 50' from inside antenna*.
- Advantage:** Wirelessly amplifies up to 20 cell phones in multiple rooms.
- Requirement:** 40' separation plus a structure between inside and outside antennas.

* Range/Performance varies based upon outside cellular signal strength. A weaker outside signal results in a smaller inside coverage area. To increase inside coverage area, add an internal or external directional antenna (see page 16).

Specifications 4KSBR-50U

Frequency	Downlink: 869-895 MHz and 1930-1990 MHz Uplink: 824-849 MHz and 1850-1910 MHz
Modulations	All voice and data
Max Output Power	3W (low bands), 2W (high bands)
Dynamic Variable Gain (Max)	63dB
Receive Sensitivity	-125dBm



4KSBR-50U System Includes:

- 3 watt dual band 60dB gain cellular and PCS repeater (DA4000SBR)
- 18" external 9dB gain omni-directional antenna (288-PW)
- Internal antenna with 6' cable (135-RD)
- 50' of DA340 cable for external antenna (340-50NM)
- 12 VDC power converter (DP515)
- 110 VAC power supply (DP255)

PowerMax™ CELLULAR COMBINERS

2-WAY | 4-WAY GLOBAL BAND CELLULAR COMBINERS

USE WITH ALL PowerMax™ CELLULAR BOOSTERS



2-Way Global Cell Combiner



DA-2190

4-Way Global Cell Combiner



DA-4190

Getting the most out of your cellular signal booster is easy when you have the right accessories to create a solution that is perfect for your specific application. Digital Antenna's 2-way and 4-way global band cellular combiners work on all cellular bands (850, 900, 1800, 1900 and 2100 MHz) and allow multiple cellular devices to be used simultaneously with direct-connect amplifiers and wireless repeater systems (cell boosters).

NEW

Specifications DA-2190 | DA-4190

Frequency	850 900 1800 1900 2100 MHz
Band	800-2200 MHz
Impedance	50 ohm
Max Input Power	3 watts
Connectors	Mini-UHF female
Insertion loss	3dB (DA-2190) 6dB (DA-4190)
Dimensions	4" length x 3.25" wide x 1.28" high

2-Way Global Cell Combiner Kit

Digital Antenna's 2-way global cellular combiner works on all cellular bands (850, 900, 1800, 1900 and 2100 MHz) and allows up to two cell phones or other cellular devices to be used simultaneously with a direct-connect amplifier or wireless repeater system. For easy installation, the DA-2192 kit includes a 2-way combiner (DA-2190) and a pair of 12' dash-mount adapter cables (C428-12).

NEW



Two - 12' Dash-Mount Cables

DA-2192

All global band cellular combiners feature mini-uhf female connectors. Cables sold separately.

PowerMax™ CELLULAR ADAPTER CABLES



3' CABLE WITH MINI-UHF MALE CONNECTOR

USE WITH DIRECT CONNECT AMPLIFIER,
EXTERNAL ANTENNA, CELL COMBINER

Digital Antenna's cellular adapter cables are a convenient 3' length. The attached mini-UHF male connector easily connects your cell phone or air card to a PowerMax™ DA4000 Amplifier, Multi-Cell Phone Combiner or Dash-Mount Cable.

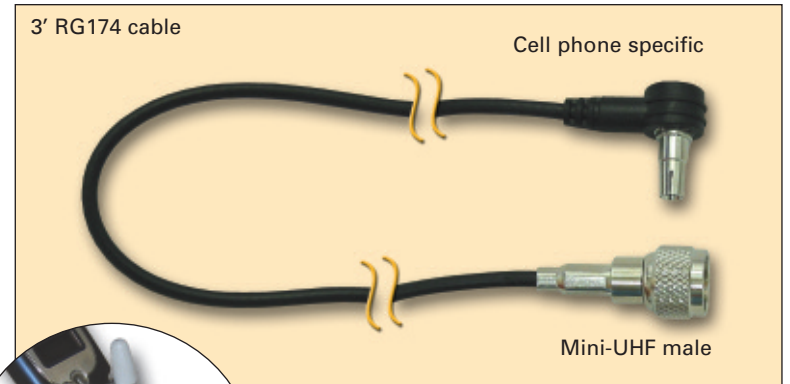
Digital Antenna offers more than 100 external antenna adapters to fit over 500 phones. If your model number is not listed*, use Digital Antenna's new DA97U universal inductive coupler adapter.

*Your phone's model number should be located under your cell phone's battery. Match the model number to the list on our website to identify the adapter cable for your phone. We also have a variety of adapter cables for your PC aircard.



If your cellular phone model number is not listed, use Digital Antenna's new DA97U universal inductive coupler adapter.

This innovative adapter allows any cell phone or aircard to be used with a PowerMax™ direct connect amplifier. For best performance, always use the cellular adapter cable made specifically for your phone or aircard if available.



Cell Phone or Aircard Adapter Cable
(cable length not to scale)

Available Manufacturers

We offer adapter cables for the following cellular manufacturers.

- Audiovox (UT Starcom)
- Curitel
- Denso
- Handspring / Palm
- Hitachi
- HTC Faraday
(manufactured for Cingular)
- Kyocera / Qualcomm
- LG / Lucky Goldstar
- Mitsubishi
- Motorola
- Nokia
- Novatel
- Panasonic
- Pantech
- Samsung
- Sanyo
- Sharp
- Siemens
- Sierra Aircard
- Sony Ericsson
- Uniden
- Verizon

POWERMAX CELLULAR ACCESSORIES

UNIVERSAL CELL PHONE CRADLE

AUTOMOBILES | TRUCKS | BOATS

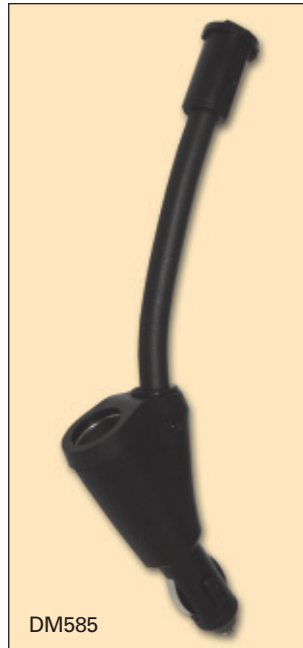


Digital Antenna's new Universal Cell Cradle with built-in antenna makes amplifying your cell signal simple. The adjustable cradle holds any size cell phone including PDA phones. The built in antenna inductively couples to your cell phone's antenna. When used with Digital Antenna's 3 watt 40dB gain dual band repeater, model DA4000MR (sold separately) you will experience up to 10 times the signal strength. Use with Bluetooth products, hands free kits, ear-buds or speaker phone. Includes 3M adhesive back mounting bracket with screw mount option.

Universal Cradle Features:

- Compatible with all cell phones
- Built-in antenna
- Easy to use & flexible
- Includes mounting hardware
- Quick release button
- Adjustable holding feet

NEW



DM585

Gooseneck Power Outlet Cradle Accessory

New gooseneck cradle holder allows for a non-permanent installation of Digital Antenna's Universal Cell Phone Cradle Holder. The gooseneck and swivel head design allows the phone to be placed in countless positions. The holder simply plugs into any cigarette or auxillary outlet and features a female outlet allowing you to charge allowing you to charge the cell phone while in the cradle.



Model DM547
Cell Phone not included.

Specifications DM547

Frequency 800-2500 MHz

Connector Mini-UHF male

Cable 10' premium RG174

Dimensions Impedance 50 ohm

Insertion loss 2dB

Warranty 1 year (limited)

POWERMAX™ CELLULAR ANTENNAS



DUAL BAND AND MULTI-BAND OMNI-DIRECTIONAL

VEHICLES | BOATS | RVs | HOMES | OFFICES | M2M

Digital Antenna's PowerMax™ cellular antennas offer professional grade construction and range. A perfect compliment to Digital Antenna's amplifiers and repeater systems, PowerMax™ cellular antennas provide strong and reliable signals. When communication is critical, Digital Antenna's award-winning antennas make the connection.

Model # 288-PW

18" Dual Band Fiberglass Antenna

- Use: Outside Homes | Offices | Boats | RVs
- Frequencies: 820-900 | 1850-1990 MHz
- Bands: 850 | 1900 MHz
- Gain: 9dB
- Connector: Type N female
- Cable Length: Not Included (pg 27-28)
- Mount: L-bracket for 1" pole or wall
- Dimensions: 18" l x 1" OD max

Model # 295-PW

18" Multi-Band Fiberglass Antenna

- Use: Outside Homes | Offices | Boats | RVs
- Frequencies: Global 850, 900, 1800, 1900, 2100 MHz
- Bands: 850 | 900 | 1800 | 1900 | 2100 MHz
- Gain: 9dB
- Connector: Type N female
- Cable Length: Not Included (pg 27-28)
- Mount: L-bracket for 1" pole or wall
- Dimensions: 18" l x 1" OD max

NEW



Model #135-RD

Dual Band Inside Antenna

- Use: Inside Homes | Offices | Boats | RVs
- Frequencies: 820-900 | 1850-1990 MHz
- Gain: 3dB
- Connector: Mini-UHF male
- Cable Length: 6'
- Mount: Swivel base
- Dimensions: 4" l x 2.5" OD max



Model # CA55M

Dual Band Magnetic Mount Antenna

- Use: Outside Automobiles
- Frequencies: 820-900 | 1850-1990 MHz
- Gain: 3dB
- Connector: Mini-UHF male
- Cable Length: 10'
- Mount: Strong magnetic base
- Dimensions: 3.5" l x .1.2" OD max



Model #CA09P

Dual Band Slim Patch Antenna

- Use: Inside Automobiles | Convertibles
- Frequencies: 820-900 | 1850-1990 MHz
- Gain: 3dB
- Connector: Mini-UHF male
- Cable Length: 6'
- Mount: 3M adhesive
- Dimensions: 5.5" l x 1.2" w x .25" h



POWERMAX™ ANTENNAS

DUAL BAND AND MULTI-BAND DIRECTIONAL

HOMES | OFFICES | COMMERCIAL BUILDINGS | M2M



When more power and range is needed, Digital Antenna offers a complete line of high gain directional antennas for cellular, PCS, WCDMA and WiFi frequencies. With a nearly perfect 50 ohm match, PowerMax™ antennas offer exceptional construction while delivering maximum range. Cable sold separately (see page 20-21).

Model #433-CM

Multi-Band Ceiling Mount Antenna

- Use: Inside Homes | Offices | Commercial Buildings
- Frequencies: 824-894 | 1850-1990 | 2400-2500 MHz
- Gain: 3dB
- Connector: Type N female
- Beam Width: H 360° V 60°
- Mount: Ceiling
- Dimensions: 6.8" OD x 3.6" h



Model #426-PW

Multi-Band Panel Antenna

- Use: Inside or Outside Homes | Offices | Commercial Buildings | Boats | RVs
- Frequencies: 824-894 | 1850-1990 | 2400-2500 MHz
- Gain: 9dB
- Connector: Type N female
- Beam Width: H 65° V 55°
- Mount: Included wall bracket
- Dimensions: 7" w x 9" h x 1.75" d



Model #489-DB

Multi-Band Directional Antenna

- Use: Outside Homes | Offices | Commercial Buildings
- Frequencies: 800-2500 MHz
- Gain: 10-12dB
- Connector: Type N female
- Beam Width: H 80° V 60°
- Mount: Integrated brackets for mast/pole
- Dimensions: 18" l x 8.5" h x 2.5" d



14 Element High Gain Yagi Antenna

Model #408-YB

Low-Band Yagi Cellular Antenna

- Frequencies: 824-894 MHz
- Dimensions: 48" l x 7.25" h x 2" d
- Beam Width: H49° V49°

- Use: Outside Homes | Offices | Commercial Buildings
- Gain: 14dB
- Connector: Type N female
- Mount: Included U-bolts for pole

Model #419-YB

High-Band Yagi Cellular Antenna

- Frequencies: 1850-1990 MHz
- Dimensions: 30" l x 4" h x 2" d
- Beam Width: H51° V31°

PowerMax™ RV ANTENNA PRODUCTS



THRU ROOF CELLULAR ANTENNA AND CABLE

RVs | FIFTH WHEELS | TRAVEL TRAILERS



#184-TR

NEW

Digital Antenna's new low profile RV Cellular and PCS Antennas offers exceptional range, excellent wind resistance and unsurpassed durability and strength. The antenna and ground plate simply attach to Digital Antenna's RV cable install kit or any Type N female bulkhead connector. For maximum cellular signal range, use with a Digital Antenna cell booster (sold separately). Digital Antenna's award-winning antennas and cell boosters allow you to stay connected to family, business and emergency while on the road.

Specifications

	184-TR
Radiation Pattern	Omni-Directional
Bandwidth VSWR	< 2:1 = 810 - 900 and 1800 - 1990 MHz
Gain	5dBi
Dimensions	Antenna 10" L x .235" OD Ground Plane (Max) 6.75" D
Weight	6 oz
RF Connector	Type N male
Installation	Installs on Type N female bulkhead connector (sold separately)



#C457-30

NEW

Digital Antenna's new pre-assembled RV cable install kit allows for easy cable installation. Connectors are factory attached to ensure greatest connectivity and reduced install time. Premium low-loss DA240 cable features a tinned braid and foil shield for maximum signal transmission.

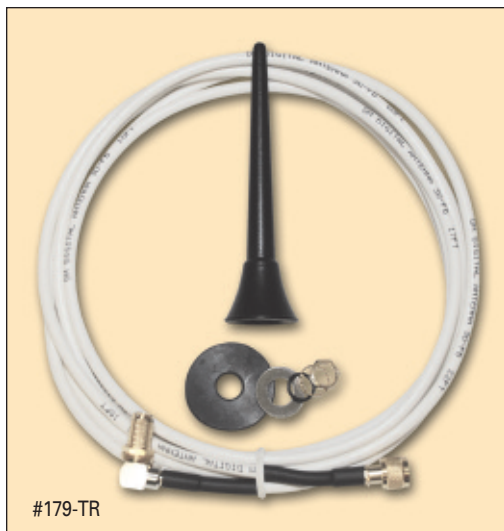
Specifications

	C457-30
Cable Type	30' DA240
RF Connectors	Mini-UHF male and Type N female bulkhead
Attenuation (loss)	2.6dB @ 800 MHz and 3.8 @ 1900 MHz
Installation	3" square mounting plate with stainless steel screws

PowerMax™ CAR AND TRUCK ANTENNAS

THRU ROOF CELLULAR ANTENNAS

3dB | 6dB GAIN DUAL BAND OMNI-DIRECTIONAL



Digital Antenna's new 3dB gain cellular and PCS auto antenna provides exceptional performance in a compact design. The low profile thru-roof antenna offers excellent wind resistance with an extremely durable construction. The antenna simply attaches to the included 10' low loss cable. For maximum cellular signal range, use with a Digital Antenna cell booster (sold separately).

NEW

Features:

- 3dB gain
- Soldered connections
- Precision tuning
- Durable construction
- Includes 10' low loss cable

PowerMax™ Series: 179-TR

Mount: Thru-Roof.
Connector: Highest quality mini-UHF male.
Cable: 10' low loss DA240.

Specifications

	179-TR
Bandwidth VSWR	< 1.5:1 = 810 - 900 and 1800 - 1990 MHz
Gain	3dBi
Impedance	50 ohms
Dimensions	4.25" Length x .235" OD (Max)
RF Connectors	Mini-UHF
Cable Type & Length	DA240 10 feet



Digital Antenna's new 6dB gain cellular and PCS truck antenna provides exceptional performance in a rugged, compact design. The low profile antenna rod offers excellent wind resistance while the high grade stainless steel components offer unsurpassed durability and strength. The antenna simply attaches to the included 15' low loss cable. For maximum cellular signal range, use with a Digital Antenna cell booster (sold separately).

NEW

Features:

- 5dB gain
- Powerful stainless steel radiators
- Soldered connections
- Precision tuning
- Durable powder coated finish

PowerMax™ Series: 196-TR

Mount: Thru-Roof.
Connector: Highest quality Type N male.
Cable: 15' low loss DA240.

Specifications

	196-TR
Bandwidth VSWR	< 1.5:1 = 810 - 900 and 1800 - 1990 MHz
Gain	6dBi
Impedance	50 ohms
Dimensions	10" Length x .235" OD (Max)
RF Connectors	Type N
Cable Type & Length	DA240 15 feet

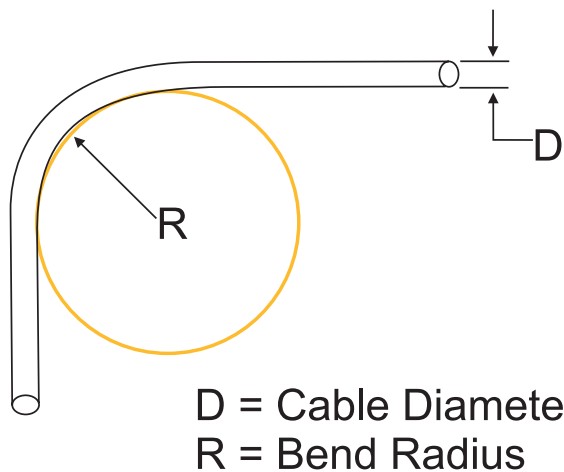
GO FURTHER WITH PowerMax™ LOW-LOSS CABLES



CABLE & CONNECTOR SELECTION GUIDE

FOR MAXIMUM SIGNAL TRANSMISSION

Cable plays one of the most important roles in the antenna installation. Signals are transmitted through the cable and the goal is to maintain as much of the signal as possible when it reaches the antenna. Digital Antenna cables feature exclusive low loss, tinned braid, foil shielded cable with a UV stable jacket for maximum signal transmission.



Cable and Connector Selection Guide:

How long is the cable run?

Cable length must be calculated before determining the cable type. The cable run must not be kinked, crushed, or have a bend radius less than 10 times the cable diameter. Also the cable must be clear of moving objects. Cable should be laid as straight as possible and away from metal. Bends or sharp curves decrease performance and may cause drastic signal loss.

What is return loss?

Return loss is the portion of a signal that is lost due to a reflection of power caused by any discontinuity of the cable. Signal reflections are caused by anything that changes the shape of the cable. Cable kinks or twists, connector insertions/installations and splices are major factors contributing to the total signal efficiency of the installation.

What frequency will you be using: VHF, Cellular, WIFI?

As frequencies increase, there is considerably more signal loss in the cable. Cable characteristics vary by manufacturers and should be compared. (Conductor material, dielectric material, shield type, % coverage and additional foil shielding). A 60% braid coverage would have more signal loss than 95% coverage. A cable with a foil shield is more efficient and effective than one without. Choose the appropriate cable based upon minimum dB loss for your frequency and cable run length.

Cable attenuation (loss) chart per 100'

	<u>RG174¹</u>	<u>RG58</u>	<u>DA195</u>	<u>RG-8X²</u>	<u>DA240</u>	<u>RG-8U³</u>	<u>DA340</u>	<u>DA440</u>
150 MHz	10.7 dB	4.7 dB	5.3 dB	4.0 dB	3.0 dB	2.4 dB	2.5 dB	1.5 dB
300 MHz	16.0 dB	7.0 dB	7.5 dB	5.4 dB	4.3 dB	3.5 dB	3.4 dB	2.2 dB
800 MHz	29.2 dB	12.7 dB	12.4 dB	10.2 dB	7.1 dB	6.4 dB	5.7 dB	3.7 dB
1900 MHz	51.3 dB	22.0 dB	19.6 dB	20.6 dB	11.2 dB	11.2 dB	8.52 dB	5.8 dB
2400 MHz	60.2 dB	25.8 dB	22.1 dB	24.9 dB	12.6 dB	13.2 dB	10.2 dB	6.6 dB
Min. Bend Radius	1"	2"	2"	2.5"	2"	4"	3"	4"

¹ RG174 should only be used for cellular frequencies in lengths less than 10'. For cable runs 100' to 150' on cellular frequencies, use Digital Antenna's ULTRA low-loss DA440 cable. For cable runs greater than 150', contact your installer.

² Digital Antenna's RG-8X with 98% tinned-braid & foil-shield – other manufacturers' RG-8X has higher loss.

³ Belden RG-8U cable specifications.

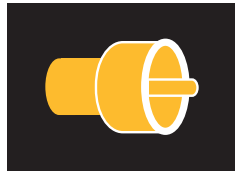
What connectors should I use?

Frequency range will determine the connector series to be used. Mini-UHF, SMA, TNC and Type N, are all rated up to and beyond 2.5 GHz with type N being rated the highest at 11 GHz. UHF connectors such as PL-259 and PL-258 are rated to 300 MHz and cannot be used at cellular frequencies of 800 and 1900 MHz. Each connector or adapter inserts approximately a .5 dB loss. Never splice cable! Cables can only be extended using the appropriate connectors and cable. Refer to the cable loss chart.

PowerMax™ COAXIAL CABLES

50 OHM COAXIAL CABLES

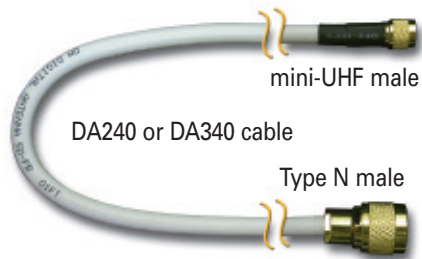
USE WITH PowerMax™ CELLULAR BOOSTERS



Premium coax cables are pre-assembled with connectors and are available in 5' – 100' lengths. Bulk cable is available for runs in excess of 100'. Digital Antenna cables feature exclusive low-loss, tinned-braid, foil-shielded, UV-stable premium cable for maximum signal transmission.

PowerMax™ External Antenna Cables

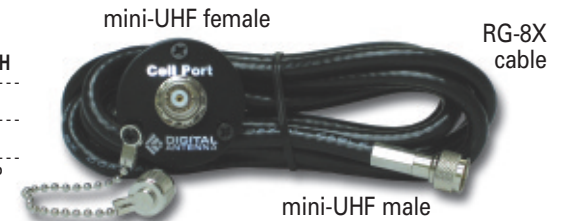
MODEL NUMBER	LENGTH
240-10NM	10'
240-15NM	15'
240-30NM	30'
340-50NM	50'
340-75NM	75'
340-100NM	100'



Dash-Mount Cables

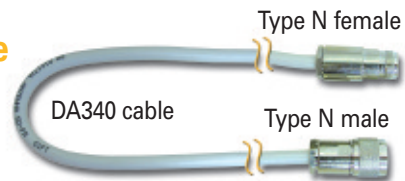
MODEL NUMBER	LENGTH
C428-05	5'
C428-12	12'

INCLUDES BULKHEAD PLATE AND CAP



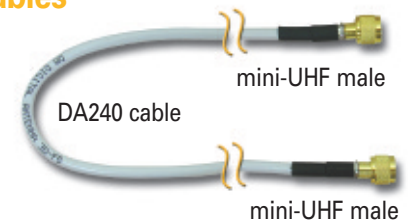
PowerMax™ External Antenna Extension Cable

MODEL NUMBER	LENGTH
340-25NE	25'



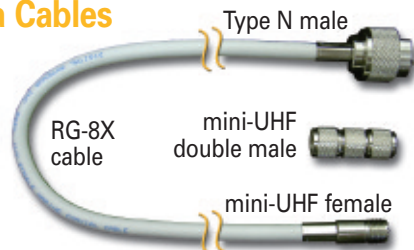
Double mini-UHF male Cables

MODEL NUMBER	LENGTH
240-02MM	2'
240-10MM	10'



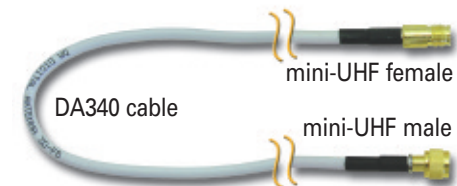
RG-8X External Antenna Cables

MODEL NUMBER	LENGTH
C998-10	10'
C998-20	20'
C998-30	30'
C998-40	40'



PowerMax™ Inside Antenna Extension Cables

MODEL NUMBER	LENGTH
240-10FM	10'
340-20FM	20'
340-25FM	25'



PowerMax™ COAXIAL CABLES

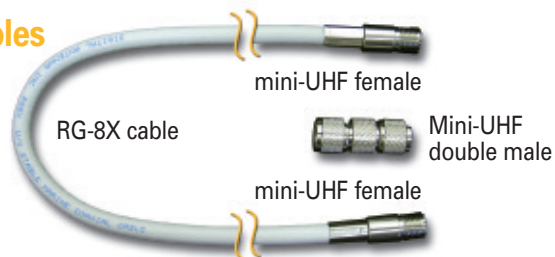


50 OHM COAXIAL CABLES

USE WITH PowerMax™ CELLULAR BOOSTERS | AIS, VHF, XM ANTENNAS

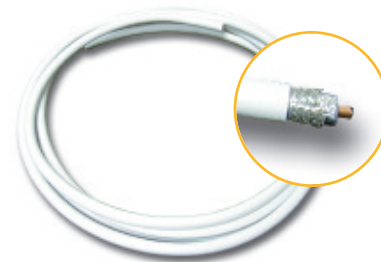
500 Series VHF | AIS Antenna Extension Cables

MODEL NUMBER	LENGTH
C118-10	10'
C118-20	20'



Bulk Cable

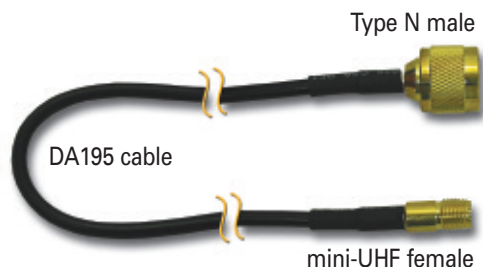
Premium PowerMax™ cable offers the lowest loss available. Sold by the foot for a completely custom installation. Up to a 150 foot length of DA440 and up to 100 foot length of DA340 can be used on cellular or PCS frequencies. RG-8X cable should not be used on PCS frequencies. Sold without connectors (see page 34)



DA440 sold per foot
DA340 sold per foot
RG-8X sold per foot

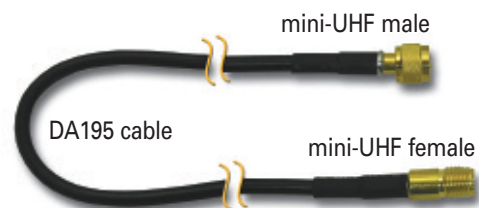
XM Antenna Replacement Cable

MODEL NUMBER	LENGTH
195-50NF	50'



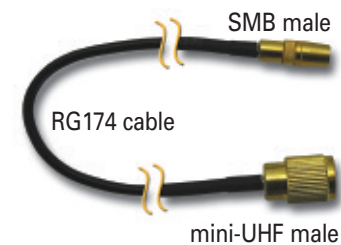
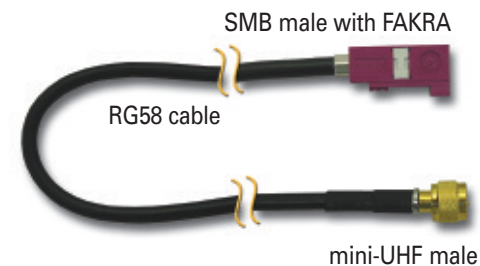
XM Antenna Extension Cable

MODEL NUMBER	LENGTH
195-25FM	25'
195-50FM	50'



XM Antenna Adapter Cable

MODEL NUMBER	LENGTH
DA58F (XM WX)	6"
DA58S (XM WX)	6"



SATELLITE RADIO ANTENNA AND AMPLIFIED SPLITTER

SIRIUS | XM

BOATS | BUILDINGS | RVs



Complete Kit 233-XM-50

Harness the power of satellite radio in your home, office or on your boat or RV. Digital Antenna's 233-XM-50 satellite radio antenna provides crystal clear reception of your favorite satellite radio channels* anywhere in the continental United States, Canada and up to 250 miles offshore. UV stable acrylic sealed dome is impervious to damage caused by bad weather and salt water. Sold complete with a stainless steel 1"-14 mount and stainless steel mounting ferrule, 50' cable with factory attached connectors and adapters.

233-XM-50 Satellite Radio Antenna Includes:

- 40dB nominal gain antenna (233-XM)
- 50' cable with attached connectors (195-50NF)
- Stainless steel 1"-14 mount (DM194)
- Stainless steel 1"-14 female ferrule (F114)
- Mini-UHF male to SMA adapter (DA923)
- Mini-UHF male to SMB adapter (DA947)

Features:

- Crystal clear reception
- Extended coverage
- Rugged construction
- Complete antenna system

Specifications 233-XM-50

Frequency	2320 – 2345.0 MHz (SIRIUS, XM, XM WX)
Dimensions	3.5" OD x 2" H (8" H with mount)
Warranty	1 year (limited)

* Receiver required



DA-2330

New 2-way amplified satellite radio splitter, model DA-2330, is optimized for use with all satellite radio systems and permits operation of two satellite radio receivers from a single antenna. The splitter is manufactured with a durable black powder-coated finish and high quality gold plated mini-UHF female connectors. The splitter's 10dB gain allows longer cables to be used to the receivers. Digital Antenna makes installation easy, offering factory assembled cables available in 10, 20, 25 and 50' lengths. If cable extensions greater than 200 feet are desired, DA340 or DA440 cable is recommended.

NEW

Features:

- 10dB optimized gain
- Rugged powder coated finish
- Quality gold plated connectors

Specifications DA-2330

Frequency	2320 – 2345.0 MHz (SIRIUS, XM, XM WX)
Dimensions	2" l x 4" w 1.25" h
Warranty	1 year (limited)

*Subscription to Sirius | XM and/or XM WX and receiver are required. Not for use with XM-ready devices.



SATELLITE
RADIO



SATELLITE
WEATHER

GO FURTHER WITH AWARD-WINNING ANTENNAS



MARINE VHF, SSB, AM/FM, XM, WIFI & CELLULAR ANTENNAS

YOUR ANTENNA IS YOUR LIFELINE ... CHOOSE WISELY!

Voted 'Best Marine Antenna' by the National Marine Electronics Association (NMEA). Customers rely on Digital Antenna for quality design and ultimate performance. All antennas have soldered connections, are hand-assembled and tuned for maximum gain then finished with a high-gloss urethane coating, resulting in a product that consistently outperforms the competition even in the harshest of marine environments.

Which antenna is right for you?

What type and length of boat do you have (sailboat, powerboat, yacht, commercial vessel)?

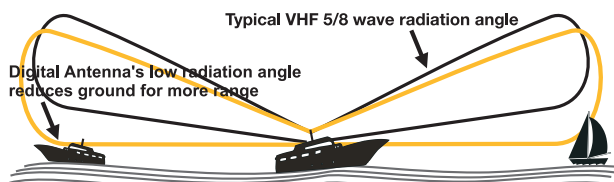
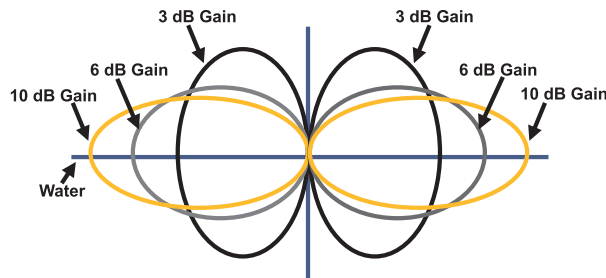
Choose an antenna based upon available mounting location. A 4' or 8' antenna works well for many applications including a T-top. Larger antennas such as 16' models must be side-braced approximately 3' to 4' from base.

Is your antenna for communication, navigation or entertainment?

Although antennas look identical, they are very different inside. Each antenna is designed and manufactured for specific frequencies. VHF: 156.8 MHz, Cellular: 800/850 & 1900 MHz, SSB: 2-30MHz, AIS: 159 MHz. The correct antenna must be matched to the equipment's frequency.

What is 'gain' in an antenna?

Gain is measured in decibels (dB). The illustration to the left shows the radiation pattern of three antennas with different gain. As gain increases, the more directed the RF energy becomes, resulting in reaching a greater distance. Your antenna choice should be based upon your application, taking into consideration the rocking or keeling of your boat.



Why does an 18" cellular antenna have 9dB gain and an 8' VHF antenna have 6dB gain?

Due to the physics of the signal's wavelength, an equivalent 9dB gain antenna for VHF would have to be almost 16' in length. The wavelength for cellular frequencies is much shorter than VHF.

How does line-of-site affect communications?

While lower frequencies (SSB) allow for reliable long-range communication, frequencies above 100 MHz do not follow the curvature of the earth and are limited to line-of-site (the antennas must "see" each other). To achieve the longest range, the antenna should be placed as high as possible.

What makes an antenna reach a greater distance?

The advanced ground system internal to all Digital Antenna marine antennas allows 4.5dB through 10dB gain antennas to have a greater range in any sea conditions. The figure to the left shows the effect that a ground system has on a vertical antenna.

Note that by increasing the ground system efficiency, useful RF power is actually directed closer to the water surface where it is needed. Most well designed 5/8 wavelength 6dB antennas will transmit the same distance in the sky; however, the ground efficiency determines the actual communication range at sea level.

MARINE ANTENNA CUT-AWAY

THE LEADER IN ANTENNA TECHNOLOGY

QUALITY CRAFTSMANSHIP IN EVERY ANTENNA



BRASS RADIATING ELEMENTS

Precision cut & assembled elements for precise tuning and best performance.

BRASS GROUND SYSTEM

Low radiation angle for greater distance.

FIBERGLASS ROD

Features the perfect combination of flexibility and ruggedness.

HIGH-GLOSS POLYURETHANE FINISH

Exclusive state-of-the-art finish seals out the corrosive marine environment to provide long-lasting performance.

POSITIONING FOAM

Exclusive, completely sealed, perfectly centered internal elements to maintain design integrity.

SOLDERED CONNECTIONS

Soldered tinned-braid-to-ground connection for maximum durability and clearest signal.

FERRITE CHOKE BEAD

Eliminates interference with electronics & directs radiating power to antenna for maximum performance.

NEW STAINLESS STEEL FERRULES

Surgical grade, mirror finish stainless steel provides unsurpassed durability and strength.

UV STABLE RG-8X CABLE

Exclusive UV stable, tinned-braid, foil-shielded, low-loss marine cable for maximum signal distance.

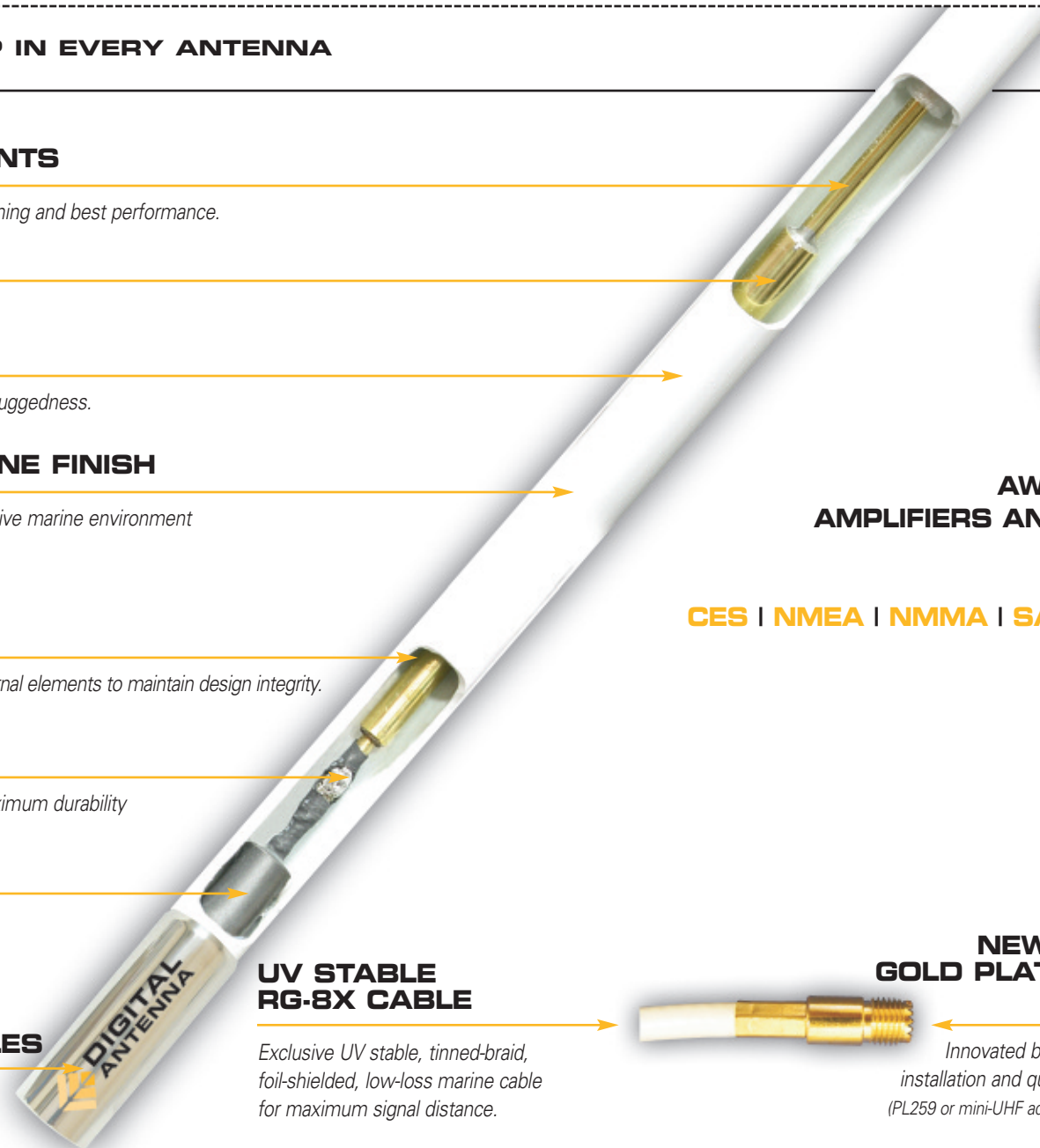
NEW 500 SERIES GOLD PLATED MINI-UHF CONNECTOR

Innovated by Digital Antenna for easy installation and quality tested performance. (PL259 or mini-UHF adapter included for VHF or Cell)



AWARD-WINNING
AMPLIFIERS AND ANTENNAS

HONORED BY
CES | NMEA | NMMA | SAIL MAGAZINE



CELLULAR ANTENNAS



9dB GAIN DUAL AND GLOBAL BAND

BOATS | YACHTS | HOMES | OFFICES | M2M

With professional marine-grade construction, Digital Antenna cellular antennas deliver high performance that will last for years. Available in 30", 4' and 8' lengths, each cellular antenna is designed for easy connection to your cell PowerMax™ Cell Booster. Each omni-directional cell antenna is 9dB gain. Choose the frequency, length and mounting option best suited for your application.

All Cellular Antennas Feature:

- Powerful brass radiators.
- Soldered connections.
- High-gloss urethane finish.
- Max input 250 watts.

North American Cell Frequencies: 850 | 1900 MHz

Bandwidth VSWR <1.5:1 824-894 & 1850-1990 MHz

SERIES	30" WHITE	30" BLACK	4' WHITE	4' BLACK	8' WHITE	8' BLACK
500	561-CW	561-CB	563-CW	563-CB	567-CW	567-CB
800	854-CW	854-CB	883-CW	883-CB	897-CW	897-CB

Global Cell Frequencies: 850 | 900 | 1800 | 1900 | 2100 MHz

Bandwidth VSWR <1.5:1 824-960 & 1710-2170 MHz

SERIES	30" WHITE	30" BLACK	4' WHITE	4' BLACK	8' WHITE	8' BLACK
800	861-CW	861-CB	865-CW	865-CB	869-CW	869-CB



Specifications

	500 GOLD SERIES	800 SERIES
Mount	1"-14 threaded base	1"-14 threaded base
Connector	Mini-UHF female	Type N female
Cable (500 series)	20' exclusive, RG-8X	Not included (pg 20-21)
Includes	Double mini-UHF male adapter	Stainless steel double female ferrule

MARINE VHF AND AIS MARINE ANTENNAS

3dB TO 6dB GAIN

BOATS | SAILBOATS | YACHTS | COMMERCIAL VESSELS



Digital Antenna's ultimate, award-winning VHF antennas combine ruggedness with a pristine finish for the finest antenna available. Even in the harshest conditions, our antennas will maintain their beautiful glossy finish for years. Built to withstand high speeds, our antennas are ideal for radar arches, T-tops, speedboats, sailboats, yachts and commercial vessels.

VHF and AIS Antennas Feature (except 200 series):

- Powerful brass radiators.
- Soldered connections.
- Power-directing ferrite choke bead.
- High-gloss urethane finish.

Specifications

	200 SERIES	500 SERIES	800 SERIES
Mount	L bracket	1"-14 threaded base	1"-14 threaded base
Connector	UHF female	Mini-UHF female	UHF female (SO239)
Cable (500 Series)	Not included	Exclusive RG-8X	Not included
Includes	Quick disconnect whip	Mini-UHF male to UHF male (PL259) adapter	Stainless steel double female ferrule

SERIES	4' White VHF	4' Black VHF	8' White VHF	8' Black VHF
500	528-WW	528-VB	529-WW	529-VB
800	826-WW	826-VB	829-WW	829-VB
Cable (500 series only)	15'	15'	20'	20'
VSWR <2:1	152.8-160.8 MHz		152.8-160.8 MHz	
Gain	4.5 dB		6 dB	

SERIES	3' White VHF	4' White AIS	4' Black AIS
200	222-WW	N/A	N/A
500	N/A	578-SW	578-SB
800	N/A	876-SW	876-SB
Cable (500 series only)	N/A	25'	25'
VSWR <2:1	153.8 - 159.8 MHz	156-162 MHz	
Gain	3 dB	4.5 dB	

All antennas are made in the USA, hand-assembled and tuned for maximum performance, quality and durability.

VHF MARINE ANTENNAS



EXTENDED LENGTHS

YACHTS | COMMERCIAL VESSELS

A favorite of marine professionals, our largest VHF antennas offer the power and durability to achieve maximum range and extended performance, even in the roughest seas. Solid construction makes Digital Antenna's 16' antennas the ideal choice for critical communication on board large yachts, commercial vessels and base stations. Must be used with a side support (page 33).

All Antennas Feature:

- Powerful brass radiators
- Soldered connections
- High-gloss urethane finish
- 316 stainless steel ferrules

Bandwidth for complete antenna

VHF Bandwidth VSWR < 2.0:1 = 151.8 - 161.8 MHz (10 MHz)

SERIES	16' WHITE	16' BLACK	8' WHITE*	8' BLACK*
500 (VHF) 10dB Gain	532-WW	532-VB	533-WW	533-VB
700 (VHF) 10dB Gain	736-WW	736-VB	533-WW	533-VB

*8' top section is available by itself but must be used with 16' VHF or 16' bottom section.

	VHF 500 Series	VHF 700 Series	TOP REPLACEMENT
Mount	1"-14 threaded base	Pole, tube	1"-14 threaded base
Connector	Mini-UHF female	Type N female	N/A
Cable	20' RG-8X	Not Included	N/A
Includes	Mini-UHF male to UHF male (PL259) adapter	Stainless steel clamp set for pole mount	Use with 500 or 700 series bottom sections only



All antennas are made in the USA, hand-assembled and tuned for maximum performance, quality and durability. All 16' antennas are UPS shippable.

EXTENDED LENGTH ANTENNAS AND EXTENDERS

FEATURING FACTORY INSTALLED RUPP COLLARS

BOATS | YACHTS | COMMERCIAL VESSELS



A favorite of professional marine installers, our highest gain VHF antennas, SSB antennas and rugged reinforced fiberglass extenders are now available with a pre-installed patented RUPP locking collar. The RUPP patented locking collar securely holds the antenna and easily unlocks for lowering. RUPP mounting arms required and are sold separately through a dealer.

Built to withstand the harshest conditions while maintaining superior performance, these antennas and extenders are designed for the highest quality sport fishing boats as well as large yachts and commercial vessels.

NEW

Feature:

- Heavy duty fiberglass
- Pre-installed RUPP collar
- Stainless steel ferrules
- 1"-14 threaded base
- High gloss urethane finish

MODEL NUMBER	Antenna Type	Antenna Grain	Antenna Length	Antenna Color	RUPP Collar Pre-installed
532-VW-R	VHF	10dB	16'	White	Yes
532-VB-R	VHF	10dB	16'	Black	Yes
544-SSW-R	SSB	N/A	16'	White	Yes
544-SSB-R	SSB	N/A	16'	Black	Yes
549-EW-R	Tapered Extender	N/A	8'	White	Yes
549-EB-R	Tapered Extender	N/A	8'	Black	Yes
535-EW-R	Straight Extender	N/A	8'	White	Yes
535-EB-R	Straight Extender	N/A	8'	Black	Yes



RUPP collar pre-installed.
Mounting arm available through dealer.

All of our antennas are made in the USA, assembled, tested and tuned by hand for maximum performance, quality and durability. UPS shippable.

SSB MARINE ANTENNAS



EXTENDED LENGTHS

YACHTS | COMMERCIAL VESSELS

Digital Antenna's high performance Single Side Band antennas offer exceptional communication over the entire HF frequency range (must use with a tuner). Heavy duty construction for use in the roughest seas, our SSB antennas are a popular choice for boaters when durability, performance and great looks are prerequisites. Digital Antenna's 16' SSB antenna electrically emulates a 24' SSB antenna and tunes to the entire HF band (must use with a tuner). Our 16' SSB antennas require a side support located 3' to 4' from the base of the antenna.

All Antennas Feature:

- Powerful brass radiators
- Soldered connections
- Centering foam insulator
- High gloss urethane finish
- 316 stainless steel ferrule

SERIES	16' WHITE	16' BLACK	8' WHITE*	8' BLACK*
500 (SSB)	544-SSW	544-SSB	546-SSW	546-SSB

	SSB 500 Series	TOP REPLACEMENT
Mount	1"-14 threaded base	1"-14 threaded base
Connector	Side termination stub	N/A
Cable	N/A	N/A
Includes	Stainless steel termination stub hardware	Use with 500 or 700 series bottom sections only

*8' top section is available by itself but must be used with 16' SSB bottom sections.

Bandwidth for complete antenna

SSB Bandwidth VSWR <1.5:1 = .5 - 30 MHz with Tuner



All antennas are made in the USA, hand-assembled and tuned for maximum performance, quality and durability. All 16' antennas are UPS shippable.

AM/FM AND COMBO MARINE ANTENNAS

MULTI-PURPOSE VHF/CELL/PCS & AM/FM/CELL/PCS



BOATS

AM/FM Stereo Antennas

When on board entertainment is your passion, Digital Antenna's AM/FM antennas deliver unbeatable reception and clarity. For the most eye-catching aesthetics, Digital Antenna's 4' and 8' AM/FM antennas are designed to match Digital Antenna's 4' and 8' VHF, AIS and cellular antennas.

All AM/FM Antennas Feature:

- Soldered connections
- High-gloss urethane finish
- Durable stainless steel ferrules

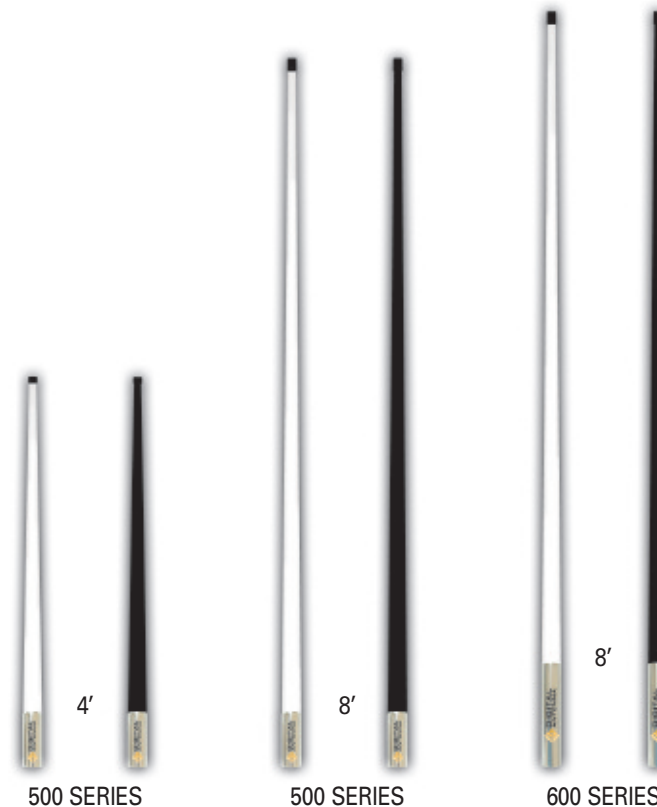
SERIES	4' WHITE AM/FM	4' BLACK AM/FM	8' WHITE AM/FM	8' BLACK AM/FM
500	531-AW	531-AB	538-AW	538-AB

8' Combination Antennas

When space and mounting locations are limited, Digital Antenna's Trifecta™ combination antennas work overtime, providing you with multi-purpose performance to meet your communication, navigation or entertainment needs. Choose from a selection of high quality 8' antennas with VHF, Cell and PCS or AM/FM, Cell and PCS combinations.

All Combination Antennas Feature:

- Two antennas in one rod
- Powerful brass radiators
- Soldered connections
- High-gloss urethane finish



600 SERIES	CELL VHF		CELL AM/FM	
	8' WHITE	8' BLACK	8' WHITE	8' BLACK
MODEL NUMBER	659-TW	659-TB	634-TW	634-TB
VSWR <2:1	152.8-160.8 MHz (VHF) 824-894 & 1850-1990 MHz (CELL)		824-894 & 1850-1990 MHz (CELL) N/A (AM/FM)	
GAIN	9 dB (CELL & PCS) 4.5 dB (VHF)		9 dB (CELL & PCS) UNITY (AM/FM)	

SERIES	500 AM/FM	600 COMBINATION
Mount	1"-14 threaded base	1"-14 threaded base
Connector	Un-attached Motorola type plug	Mini-UHF female CELL, VHF Un-attached Motorola type plug, AM/FM
Cable	15' RG-8X	Qty 2 - 20' RG-8X
Includes	N/A	CELL, Double mini-UHF male adapter VHF, Mini-UHF male to UHF male adapter

All antennas are made in the USA, hand-assembled and tuned for maximum performance, quality and durability.

2.4 GHz WiFi Antennas



10dB Gain WiFi Antennas

BOATS | SAILBOATS | HOMES | OFFICES | M2M

Getting and staying connected on land or water has never been easier. Digital Antenna's 2.4GHz premium quality 10dB gain omni-directional antennas achieve optimal signal range on 802.11 b/g wireless LANs, Bluetooth and multipoint radio equipment, where high gain and wide coverage is desired. Designed to match other antennas on your boat, our WiFi antennas are available in lengths of 30", 4' and 8'.

Available in 800 Series only (not available in 500 Series). PowerMax™ low-loss antenna cables or DA440 bulk cable must be used to minimize signal loss (see page 20-21).

All antennas are made in the USA, hand-assembled and tuned by hand for maximum performance.

All 2.4 GHz WiFi Antennas Feature:

- Powerful brass radiators
- Soldered connections
- High-gloss urethane finish
- 10dB gain

800 Series:

WHITE	BLACK	LENGTH
825-WLW	825-WLB	30"
814-WLW	814-WLB	4'
848-WLW	848-WLB	8'

Specifications

800 Series

Mount	1" - 14 threaded base
Connector	Type N female
Bandwidth VSWR	<1.5:1 = 2400-2500 MHz
Cable	Not included (pg 20-21)
Includes	Stainless steel double female ferrule

All antennas are made in the USA, hand-assembled and tuned for maximum performance, quality and durability.



ANTENNA EXTENDERS

INCREASE ANTENNA HEIGHT

BOATS



Constructed of high-quality reinforced fiberglass and finished to match Digital Antenna's award-winning antennas, antenna extenders are used to increase the height of an antenna to improve effective range or to place an antenna above on-board obstructions that may interfere with receive and transmit signals.



528-EW



528-EB

Model # 528-EW | 528-EB

Straight Extender

- Dimension: 4' - 1" OD
- Heavy-duty high-gloss fiberglass
- Stainless steel ferrule
- 1" - 14 threaded top & base



518-EW



518-EB

Model # 518-EW | 518-EB

Straight Extender

- Dimension: 18" - 1" OD
- Heavy-duty high-gloss fiberglass
- Stainless steel ferrule
- 1" - 14 threaded top & base



535-EW



535-EB

Model # 535-EW | 535-EB

Straight Extender

- Dimension: 8' - 1.5" OD
- Heavy-duty high-gloss fiberglass
- Stainless steel ferrule
- 1" - 14 threaded top & base
- Use center brace #DM268



564-EW



564-EB

Model # 564-EW | 564-EB

Tapered Extender

- Dimension: 4' - 1.5" OD
- Heavy-duty high-gloss fiberglass
- Stainless steel ferrule
- 1" - 14 threaded top & base
- Use center brace #DM268



549-EW



549-EB

Model # 549-EW | 549-EB

Tapered Extender

- Dimension: 8' - 1.5" OD
- Heavy-duty high-gloss fiberglass
- Stainless steel ferrule
- 1" - 14 threaded top & base
- Use center brace #DM268

ANTENNA MOUNTS



ANTENNA MOUNTS AND ACCESSORIES

Digital Antenna knows the importance of providing strength and durability for mounting antennas. Our premium quality stainless steel antenna mounts work to keep your high-performance antennas steady. Easily accepting antennas with 1" - 14 threads, many styles are available to accommodate marine antennas from 18" to 24' in length. For antennas exceeding 8 feet in length, a side brace must be used.



DM223

- *Stainless Steel Ratchet Mount (1" - 14 threads)*



DM194

- *Stainless Steel Short Straight Mount (1" - 14 threads)*



DM312

- *12" Stainless Steel Extender
Top Male 1" - 14,
Bottom Female 1" - 14*



DM338

- *Chrome-on-brass deck/bulkhead feed thru fitting (mini-connector will pass thru)*



DM182

- *Stainless Steel Straight Mount (1" - 14 threads)*



DM277

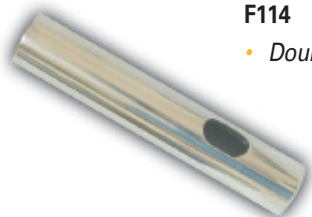
- *Mounts 3' VHF on a Standard 1" - 14 threaded base*



DM178 7/8" - 1" OD

DM191 1 1/4" - 1 1/2" OD

- *Stainless Steel Ratcheting Rail Mount (1" - 14 threads) DM178*



F114

- *Double 1" - 14 Female Ferrule
(Use with 288-PW or
295-PW 18" Cell Antenna)*



DM925 (900 Series) | DM792 (700 Series)

- *Stainless Steel Clamp Set for up to 2" OD (900) or 2.25" OD (700)*



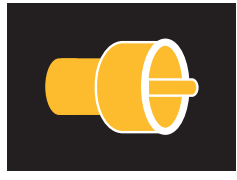
DM900

- *Converts 800 series antenna to a 900 series wall or pole mount. Includes DM925.*

CONNECTORS AND ADAPTERS

50 OHM

TYPE N | MINI-UHF | UHF | TNC | FME



Connector Name	PN	Type
N Male (RG-8X)	DA853	Crimp
N Male (DA195)	DA795	Crimp
N Male (DA240)	DA229	Clamp
N Male (DA340)	DA459	Crimp
N Male (DA440)	DA473	Clamp
N Male (440)	DA492	Crimp



Connector Name	PN	Type
N Female (RG-8X)	DA522	Crimp
N Female (DA240)	DA325	Crimp
N Female (DA240)	DA362	Clamp
N Female (DA340)	DA371	Clamp
N Female (DA440)	DA390	Clamp



Connector Name	PN	Type
Mini-UHF Female (RG-8X)	DA817	Crimp
Mini-UHF Female (DA195)	DA468	Crimp
Mini-UHF Female (RG-8X) GOLD	DA817G	Crimp
Mini-UHF Female (DA240)	DA826	Crimp
Mini-UHF Female (DA340)	DA857	Crimp



Connector Name	PN	Type
Mini-UHF Male (RG174)	DA274	Crimp
Mini-UHF Male (RG-8X)	DA482	Crimp
Mini-UHF Male (DA195)	DA357	Crimp
Mini-UHF Male (DA240)	DA247	Crimp
Mini-UHF Male (DA340)	DA434	Crimp
Mini-UHF Male (DA440)	DA442	Crimp



Connector Name	PN	Type
Motorola (AM/FM) type plug (RG-8X)	DA140	Solder

Adapters

Mini-UHF male to 'N' female	DA525
Mini-UHF male to TNC female	DA572
Mini-UHF male to UHF male (GOLD)	DA645G
Mini-UHF male to UHF male (Nickel)	DA645
Mini-UHF male to male (GOLD)	DA624G
Mini-UHF male to male (Nickel)	DA624
Mini-UHF male to FME Female	DA206
Mini-UHF male to FME male	DA639
Mini-UHF male to SMA male	DA947
Mini-UHF male to SMB male	DA923
Mini-UHF female to TNC male	DA628
Mini-UHF female to FME Female	DA298
Mini-UHF female to mini-UHF Female	DA527

