

ANTENNA
SPECIFICATIONS

Antenna Number	Antenna Designator	Proposed	Antenna Type	Usage	Proposed Antenna Specification	Height (Ft.) from PH Roof	Width (Ft.)	Type	Gain (dBd)	RF	BW	Light	Notes	Wind Rating (MPH)	
										Conn.	(MHz)	Prot.			
1	TXRX	Multiband 2		RACES/ARES/HAM	Diamond X6000A	10.50	1.71	Fiberglass Whip	6.5/9/10	NF	4/15/40	DC	Radial length 20.5". Requires Diamond triplexer MX3000 transmit three bands simultaneously, receive one band. Triplexer connector NF to cable to antenna; UHF M to radio or radio jumper (x3). Antenna comes with mounting clamps for mast 1.2" to 2.4" diameter.	112	
2	TXRX	CB Radio		Monitor CB channels	B-100 Saturn Base Antenna For CB Radio Base Stations	14.03				UF	1			Unknown	
3	TXRX	Multiband 3		RACES/ARES/HAM TRANSCEIVER 1	Diamond V2000A	19.08	1.71; Radial length 23" from base	Fiberglass Whip	2.1/6.2/8.4	UF	2/4/10	DC	Diamond MX2000 triplexer required for multiband operation. Connector to antenna cable UHF F; jumpers to radios UHF Maile (x3). Antenna comes with mounting hardware for 1.2-2.4" diameter mast.	110	
4	TX	UHF TX Combiner #1 - 406.1125-410.9875		FEMA P-25 (406-420 MHz) & DC National Guard	dbSpectra DS3X03CS36UN	14.68	0.21	Fiberglass Whip	2.9	NF	90	DC	Mounting Hardware included 2.5" mast	200	
5	TX	800 MHz Combiner TX -1 -TX 763-775;806-824; RX 793-805, 851-869 MHz		700/800 MHz Control Station Combiner Transmit - 16 channels	dB Spectra SP7C03CS36UN	13.78	0.25	Fiberglass Whip	2.7	NF	1.05	DC	Mounting hardware included; mast 2.5" OD needed to clear parapet	325	
6		VHF Combiner 1-TX		VHF HB Combiner	dbSpectra DS1X00CS36UN	14.48	0.17	Fiberglass Whip	Unity	NF	26	DC	Mounting hardware included DSH1V3R	150	
7	TX	800 MHz Combiner Tx 2		700/800 MHz Control Station Combiner Transmit - 16 channels	dB Spectra SP7C03CS36UN	13.78	0.25	Fiberglass Whip	2.7	NF	1.05	DC	Mounting hardware included; mast 2.5" OD needed to clear parapet	325	
8	TX	VHF Control Station Combiner Transmit 2		US Capitol Police, Virginia Department of Emergency Management, US Secret Service, FBI (2), DC National Guard, FEMA	dbSpectra DS1X00CS36UN	14.48	0.17	Fiberglass whip	Unity	NF	26	DC	Mounting hardware included DSH1V3R	150	
9	TXRX	VHF Aeronautical		Aeronautical Radio	Telewave ANT280S	14.36	2.38	Discone	0	NM	2882	DC	Requires mounting bracket - mast is 1.5" dia; to pipe mount. Telewave Part ANTC480.	150	
10	TXRX	UHF Transmit and Receive		REACT	dbSpectra DS4C03CS36UN	14.68	0.17	Fiberglass Whip	2.9	NF	32	DC	Included 2.5" OD	200	
11	TXRX	VHF Low		Red Cross	Kreco CO-41A	20.80	0.21	Coaxial	Unity	NM	0.42	DC		120	
12	TXRX	8TAC Repeater		8TAC 91-94	dbSpectra SP7C03CS36UN	13.78	0.25	Fiberglass radome whip	2.9	NF	105	DC	Mounting hardware included	325	
13	TXRX	900 MHz		Washington Gas Control Station	Telewave ANT280S	14.36	on hand	2.38	Discone	0	NM	2882	DC	Requires mounting bracket - mast is 1.5" dia; to pipe mount. Telewave Part ANTC480.	325
14	TXRX	UHF Transmit and Receive		PEPCO	dbSpectra DS4C03CS36UN	14.68	0.17	Fiberglass Whip	2.9	NF	32	DC	Included 2.5" OD	200	

ANTENNA
SPECIFICATIONS

15	TXRX	Multiband 1	Marine Radio - flex radio NOAA Radio	Telewave ANT280S	14.36			2.38	Discone		0 NM	2882 DC	Requires mounting bracket - mast is 1.5" dia; to pipe mount. Telewave Part ANTC480.	150
16	TXRX	VTAC Repeater	VTAC 36-38	dbSpectra DS1X00CS36UN	14.48			0.17	Fiberglass Whip	Unity	NF	26 DC	Mounting hardware included DSH1V3R	150
17	TXRX	VHF CAP Channels	Civil Air Patrol VHF	Telewave ANT280S	14.36			2.38	Discone		0 NM	2882 DC	Requires mounting bracket - mast is 1.5" dia; to pipe mount. Telewave Part ANTC480.	325
18	RX	800 MHz Combiner	700/800 MHz Control Station Combiner Receive 16 channels	dB Spectra SP7C03CS36UN	13.78			0.25	Fiberglass Whip		2.7 NF	1.05 DC	Mounting hardware included; mast 2.5" OD needed to clear parapet	325
19	RX	VHF Combiner 2 - RX	VHF HB Combiner	dbSpectra DS1X00CS36UN	14.48			0.17	Fiberglass Whip	Unity	NF	26 DC	Mounting hardware included DSH1V3R	150
20	RX	UHF RX Combiner #1 - 415.1125-419.9875	UHF Combiner Rx - FEMA & DC National Guard	dbSpectra DS3X03CS36UN	14.68			0.21	Fiberglass Whip		2.9 NF	30 DC	Mounting Hardware included 2.5" mast	200
21	RX	800 MHz Combiner Rx 2	700/800 MHz Control Station Combiner Receive 16 channels	dB Spectra SP7C03CS36UN	13.78			0.25	Fiberglass Whip		2.7 NF	1.05 DC	Mounting hardware included; mast 2.5" OD needed to clear parapet	325
22	RX	VHF Control Station Combiner Receive 2	US Capitol Police, Virginia Department of Emergency Management, US Secret Service, FBI (2), DC National Guard, FEMA	dbSpectra DS1X00CS36UN	14.48			0.17	Fiberglass Whip	Unity	NF	26 DC	Mounting hardware included DSH1V3R	150
23	TXRX	Multiband 4	Scanners and other receive only	Telewave ANT280S	14.36			2.38	Discone		0 NM	2882 DC	Requires mounting bracket - mast is 1.5" dia; to pipe mount. Telewave Part ANTC480.	150
24	RX	TV Antenna	TV Antenna	Channel Master CM-1776	13.78 (Horizontal)			3- Longest Element	Horizontal Yagi	V5.9; U9.7	F F	V-162; U-138	Mounting brackt for up to 2" pipe. VHF or UHF extension available if additional gain is needed. Order with distribution amplifier Channel Master Ultra Mini 8 CM-3418 and 8 port 75 Ohm terminations Channel Master CM-7100 Suggest mounting this on a blank rack panel so cables can be dressed. Needs to be ordered with 75 Ohm port termination loads for unterminated outputs, Channel Master Part SM-7100, Qty - 8.	Unknown
25	TXRX	SHARES HF	SHARES Network	Barrett 4049 Auto-tuning antenna with custom control cable. Fiberglass split whip with spring mount. Also NVIS (Near Vertical Incident Skywave) antenna with magnetic base.	22.58			0.25	Multi-section whip		0 NF	58	Autotuning with Barrett HF Radio NOTE IS AN ANTENNA TUNER REQUIRED? NVIS NEEDS A PERMANENT BASE NOT MAGNET MOUNT ON ROOF INSTALLATION	Unknown
26	TXRX	Satellite Antenna	Iridium	Blue Sky ASE-PFA40		on hand								
27	TXRX	Satellite Antenna	Iridium	Blue Sky ASE-PFA40		on hand								
28	TXRX	Satellite Antenna	Iridium	Blue Sky ASE-PFA40		on hand								
29	TXRX	Satellite Antenna	Starlink	mcdishy										
30	TXRX	Satellite Antenna	Ku Band	C-Com iNetVu FMA-120	14.78	on hand								
		five roof RF port				Din and adapt	need to be capable of 1kW HF							
		spare roof RF port				Din and adapt	need to be capable of 1kW HF							
		Satellite for DirectTV												
		GPS Antenna for netclock												
	TXRX	BDA 1	Wireless carrier 1			already installed								
	TXRX	BDA 2	Wireless carrier 2			already installed								
EXA-01			Radio Station Satellite Dish		15.00			12.00 dia.						

ANT-1



A Division of RF Parts Company

Home • Products • Technical Info • Sample Photos • Warranty • Dealers • Contact



X6000A Triband Base Antenna

Special Features:

- Fiberglass radomes
- Overlapping outer shells for added strength
- Strong waterproof joint couplings
- Stainless steel hardware
- Wide band performance
- Factory adjusted – no tuning required
- High wind rating
- DC grounded

Specifications:

Band:	2m/70cm/23cm
Gain (dB):	6.5/9/10
Max Power Rating:	100/60
Wind Rating:	112 MPH (no ice)
Height (feet):	10.5
Connector:	Type-N
Element Phasing:	2-5/8λ, 5-5/8λ, 6-5/8λ

Click image to enlarge.

Instructions are in proofing stages. Please contact us if you have any questions.

Installation Instructions

Radiation Pattern

Order Online From Online Dealers

Diamond® Antennas are sold through authorized dealers. Contact one of your local Diamond® Antenna Dealers for current price & availability.

Home • Products • Technical Info • Sample Photos

Warranty • Dealers • Contact

©2012 - 2020 RF Parts Company. All rights reserved.

ANT-2

Cart is empty

12 Shares

Search CB World

Search products

Can't find what you're looking for? We're here to help! Call (541) 928-1952 or email sales@cbworld.com

CBWorld

MENU

Home / All Products / SATURN - Twinpoint 39" Low Profile Base CB or 10 Meter Antenna

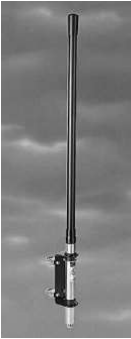
12 Shares

SATURN - Twinpoint 39" Low Profile Base CB or 10 Meter Antenna

★★★★★

1 review

Write a review



List price: ~~\$64.35~~
\$49.08
You save: \$12.27 Save 20%

Return Period: 30 days

Model: SATURN

Availability: In stock

Quantity:

1

CB WORLD - Great Customer Service, High Quality Products, Always Tax Free, Amazing Help Center, 5 Star Rating!

Help

1015 HALF STREET
WASHINGTON, DC

A26 02.12.2025

BZA HEARING: ROOFTOP ANTENNAS

Hines

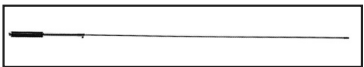
DC
HOMELAND SECURITY
EMERGENCY MANAGEMENT

hickok cole

Triband, Discone Base Antennas

Model	Bands	Gain/dBi	Max Pwr. Rating	Wind Rating	Height (feet)	Conn.	Element Phasing	Notes
X6000A	2m/70cm/23cm	6.5/9/10	100/60	112	10.5	N	2m: 2-5/8λ; 70cm: 5-5/8λ, 23cm: 6-5/8λ	
V2000A	6m/2m/70cm	2.1/6.2/8.4	150	110	8.3	UHF	6m: 1/2λ; 2m: 2-5/8λ; 70cm: 4-5/8λ	B, D
D130J	25-1300 MHz	2 dBi nom.	200	90	5.6	UHF	Wideband Discone	A, E
D130NJ	25-1300 MHz	2 dBi nom.	200	90	5.6	N	Wideband Discone	A, E
D3000N	25-3000 MHz	2 dBi nom.	200	90	5.6	N	Wideband Discone	A, E

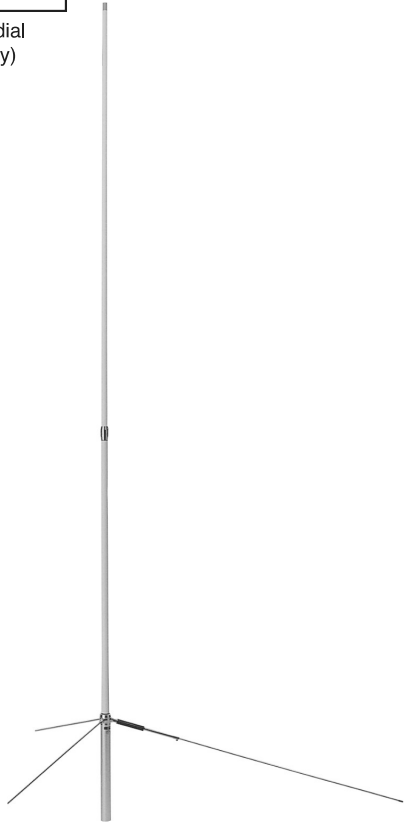
NOTES:
A. Adjustable 50-54MHz B. 1/4λ rated in dBi C. 2m: 146-148MHz D. 6m: 52-54MHz E. 144MHz up: 200 watts, 6m: 20watts FM, 50 watts PEP



V2000A 6m Counterpoise Radial Adjustable 52-54MHz (FM Only)



D130J
D130NJ
D3000N



V2000A



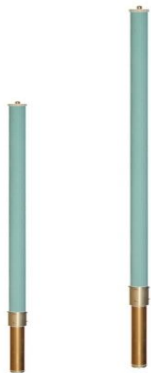
X6000A

Triband, Discone Antennas



Control Station Antennas – UHF band, Omni, Unity gain or 2.9 dBd
Models DS3X00CS36UN, DS3X03CS36UN, DS3A00CS36UN, DS3A03CS36UN, DS4x00CS36UN, and DS4x03CS36UN

Specifications	
Design Type	2" Fiberglass radome
Frequency Range	DS3X00CS36UN, DS3X03CS36UN DS3A00CS36UN, DS3A03CS36UN DS4A00CS36UN, DS4A03CS36UN DS4C00CS36UN, DS4C03CS36UN DS4D00CS36UN, DS4D03CS36UN
Gain - dBd (average over BW)	DS3X00, DS3A00 and DS4x00 models DS3X03, DS3A03 and DS4x03 models
Beam Tilt (electrical down tilt)	DS3X00, DS3A00 and DS4x00 models DS3X03, DS3A03 and DS4x03 models
Vertical Beam width (E-Plane), nom.	DS3X00, DS3A00 and DS4x00 models DS3X03, DS3A03 and DS4x03 models
Impedance – Ohms	50
VSWR / Return Loss -- dB	1.5: 1 / 14 dB (min.)
Average Power Rating	300 W (each antenna)
Polarization	Vertical
Lightning Protection	Direct Ground
Connector	N-type female
Equivalent Flat-Plate Area:	0 dBd Gain models range 3 dBd Gain models range
Lateral Wind load Thrust @100mph:	0 dBd Gain models range 3 dBd Gain models range
Rated Wind Speed	200 mph (without ice)
Total Length:	DS3X00CS36UN/DS3A00CS36UN DS4A00CS36UN DS4C00CS36UN/DS4D00CS36UN DS3X03CS36UN/DS3A03CS36UN DS4A03CS36UN DS4C03CS36UN DS4D03CS36UN
Mounting Hardware (included)	YES
Mast O.D.	2.5 inches
Radome color	Horizon Blue
Weight, antenna and hardware	5-9 lbs.
Shipping Weight	9-13 lbs.
Invertibility	Yes, invertible



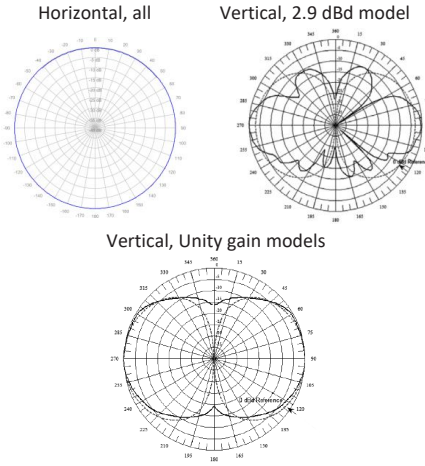
Features and Benefits

Control Station Antennas are optimized for control station and other applications where medium-duty, lower-gain models are preferred.

Sturdy Construction – Heavy-wall 2-inch diameter fiberglass radome minimizes tip deflection yet manages weight and wind loading properties.

Excellent Lightning Protection – heavy internal conductor DC ground.

Radiation Patterns:



Specifications are subject to change. dbSpectra Inc., 1590 E Hwy 121 Business, Building A/100, Lewisville, TX 75056 • P (469)322-0080 • ISO 9001/14001:2015 • www.dbspectra.com • 096000-437-A • May 2020