

**DIAMOND**  
ANTENNA

# COMMUNICATION WORLD

ANTENNAS / ACCESSORIES

# CATALOG

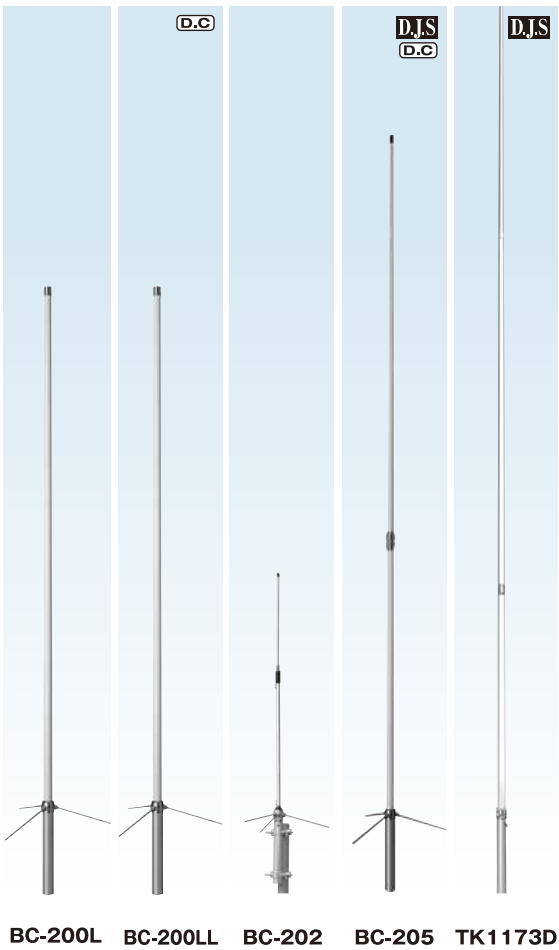
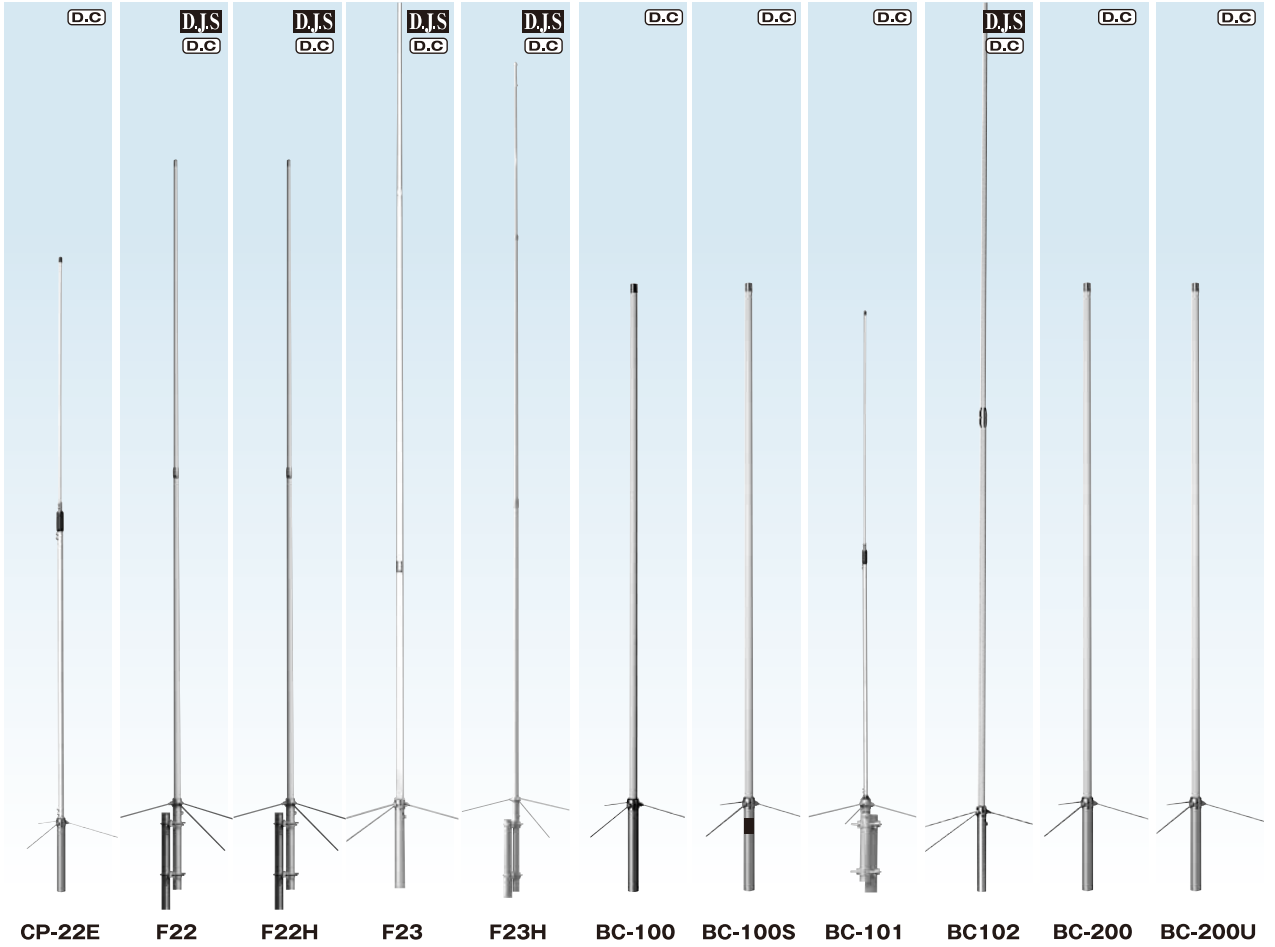
# 3

MOBILE WHIP ANTENNAS  
MOBILE RECEIVING ANTENNAS  
FIXED STATION ANTENNAS  
MOBILE TELEPHONE TYPE ANTENNAS  
INDOOR PORTABLE ANTENNAS  
TRAP DIPOLE ANTENNAS  
GROUND PLANE ANTENNAS  
ANTENNAS FOR HANDHELD TRANSCEIVERS  
EXTERNAL SPEAKERS  
SWR/POWER METERS  
COAXIAL SWITCHES  
SURGE PROTECTORS  
DC POWER SUPPLIES  
DC/DC CONVERTERS  
DUMMY LOADS DUPLEXERS  
COAXIAL CABLES  
ANTENNA BRACKETS  
MAGNET ANTENNA BASES  
CRIP TYPE ANTENNA BASES  
AND OTHERS

***Anteny bazowe VHF/UHF***

# Commercial antennas

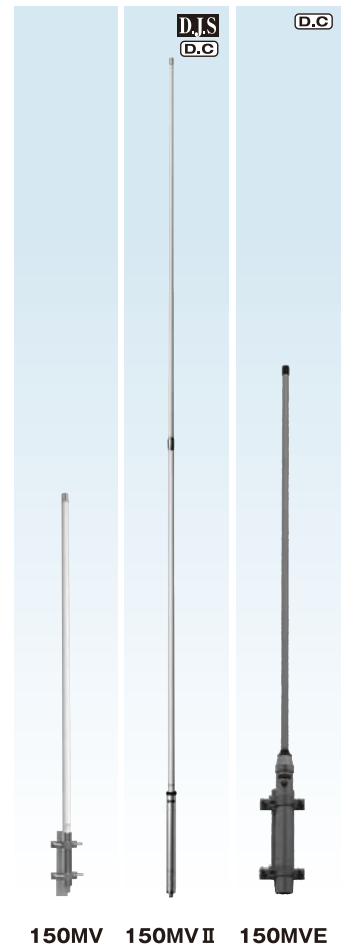
## HF/V/UHF Fixed Station Antenna



## VHF Fixed Station Wide Band Antenna



## V/UHF Marin Fixed Station Antenna



# Commercial antennas

## HF Dipole Antenna

## BB series

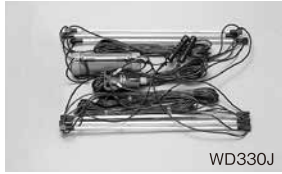
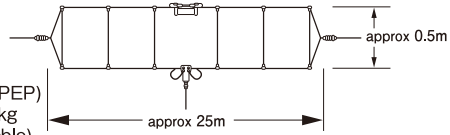


WD330

### WD330

2 to 30MHz  
Max. power rating:150W(PEP)  
Length:25m / Weight:3.1kg  
(except coaxial cable)

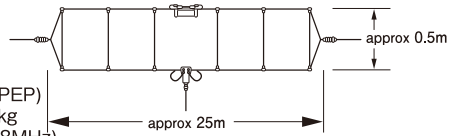
Coaxial Cable:5D-2V 30m w/M-Connector / Plastic rope is optional  
VSWR:Less than 2.0(2-18MHz) Less than3.0(18-30MHz)



WD330J

### WD330J

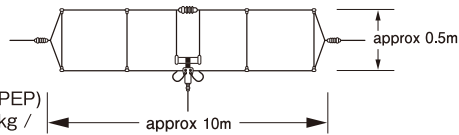
2 to 30MHz  
Max. power rating:150W(PEP)  
Length:25m / Weight:3.1kg  
VSWR:Less than 2.0(2-18MHz)  
Less than3.0(18-30MHz)



BB6W

### BB6W HF Wide Band Wire Antenna

2-30MHz  
Max. power rating:250W(SSB)  
Length:approx.6.4m / Weight: 0.8kg / TYPE:Long wire type



### WD330S

2 to 28.6MHz  
Max. power rating:150W(PEP)  
Length:10m / Weight:1.7kg /  
With two 10m plastic ropes

Without coaxial cable assembly  
VSWR:Less than 2.0(2-18MHz) Less than3.0(18-28.6MHz)

### BB7V HF Wide Band GP Antenna

2-30MHz Max. power rating:250W(SSB) Length:approx.6.7m / Weight: 2.3kg



# D.J.S

Direct Joint System, This mark indicates that the antenna has a direct joint system. Overlapped FRP outershell achieves the antenna to be almost the same strength as one piece structure. Element joint section is tightly waterproofed by ring gaskets. FRP outershell avoids salt disposition on radiator element. Maximum wind velocity factor of the antenna complies with professional antenna specification.

# D.C

This mark indicates that the antenna is DC ground structure. Radiator element is grounded direct current. It is possible to protect radio equipment from high voltage caused by thunder lightning.

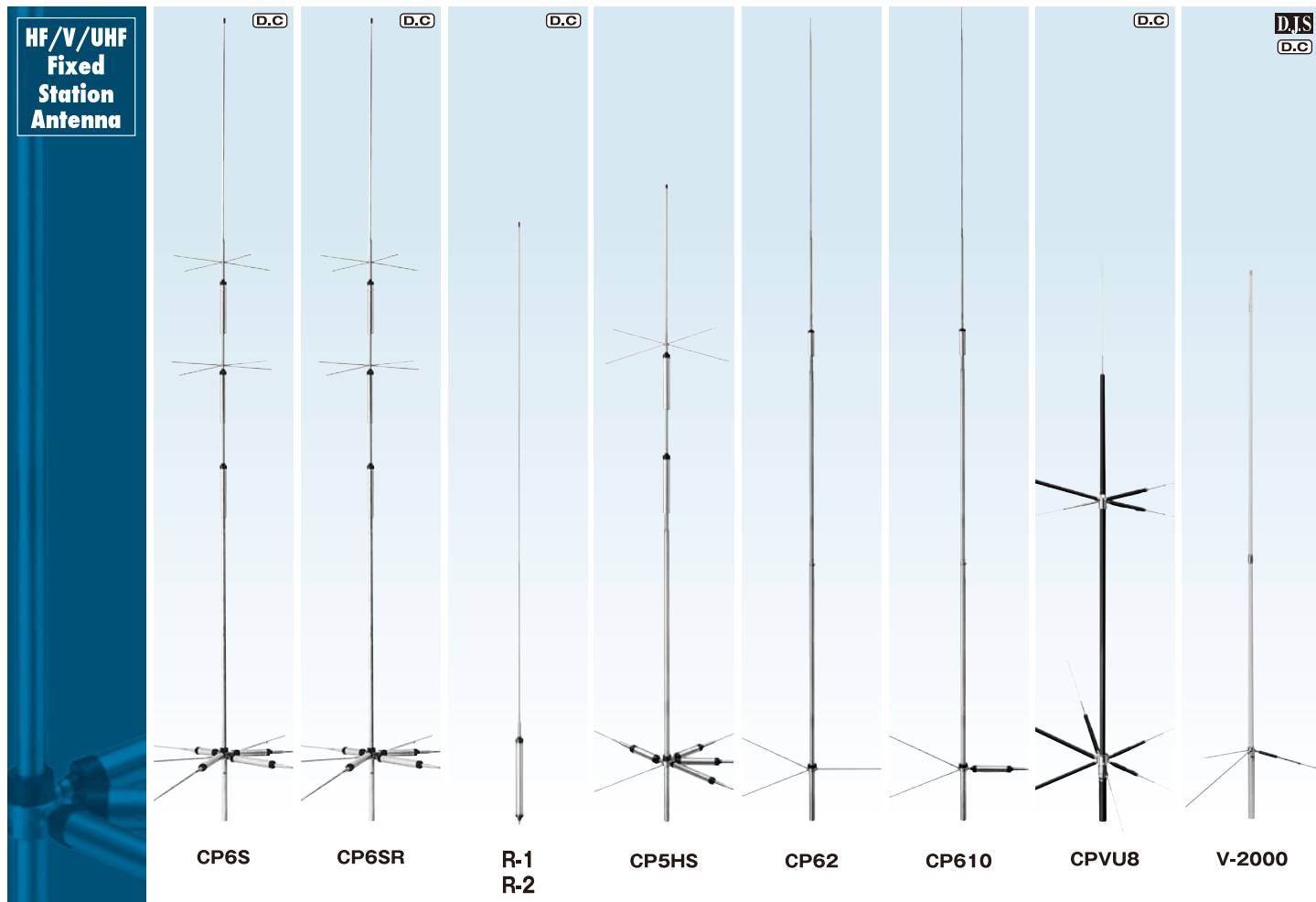
Model	Frequency	Gain	Max. power rating	Length	Weight	Rated wind velocity	Mast diameter accepted	Connector	Type
<b>HF/UHF Fixed Station Antenna with Cutting Chart</b>									
CP-22E	144 to 174MHz	6.5dB	200W	2.7m	1.1kg	45m/sec.	φ 30-62	MJ	omnidirectional 2×5/8 λ
F22	144 to 174MHz	6.7dB	200W	3.2m	1.3kg	50m/sec.	φ 30-62	MJ	omnidirectional 2×7/8 λ ,FRP outershell
F22H	144 to 174MHz	6.7dB	350W	3.2m	1.3kg	50m/sec.	φ 30-62	MJ	omnidirectional 2×7/8 λ ,FRP outershell
F23	144 to 174MHz	7.8dB	200W	4.6m	1.7kg	50m/sec.	φ 30-62	MJ	omnidirectional 3×5/8 λ ,FRP outershell
F23H	144 to 174MHz	7.8dB	350W	5.2m	2.0kg	40m/sec.	φ 30-62	MJ	omnidirectional 3×5/8 λ ,FRP outershell
BC-100	134 to 174MHz	3.8dB	200W	1.7m	1.2kg	60m/sec.	φ 30-62	MJ	omnidirectional 5/8 λ ,FRP outershell
BC-100S	115 to 174MHz	3.4dBi	100W	1.7m	1.2kg	60m/sec.	φ 30-62	MJ	omnidirectional 5/8 λ ,FRP outershell
BC-101	144 to 174MHz	3.5dB	200W	1.5m	0.86kg	50m/sec.	φ 30-60	MJ	omnidirectional 5/8 λ GP
BC-102	134 to 174MHz	6.5dB	200W	3.2m	1.3kg	50m/sec.	φ 30-60	MJ	omnidirectional 2×5/8 λ
BC-200	430 to 490MHz	6.5dB	200W	1.7m	0.9kg	60m/sec.	φ 30-62	MJ	omnidirectional 3×5/8 λ ,FRP outershell
BC-200U	450 to 510MHz	6.5dB	200W	1.7m	0.9kg	60m/sec.	φ 30-60	MJ	omnidirectional 3×5/8 λ ,FRP outershell
BC-200L	370 to 430MHz	5.5dB	200W	1.7m	0.9kg	60m/sec.	φ 30-62	MJ	omnidirectional 2×5/8 λ ,FRP outershell
BC-200LL	320 to 380MHz	5.5dB	200W	1.7m	0.9kg	60m/sec.	φ 30-62	MJ	omnidirectional 2×5/8 λ ,FRP outershell
BC-202	430 to 490MHz	6.5dB	200W	1.15m	0.75kg	55m/sec.	φ 30-60	MJ	omnidirectional 2×5/8 λ stacked GP
BC-205	430 to 490MHz	8.5dBi	200W	2.9m	1.15kg	50m/sec.	φ 30-62	MJ	omnidirectional 5x5/8 λ
TK1173D	2 to 30MHz	—	—	4.53m	1.4kg	40m/sec.	φ 30-62	MJ	—
<b>VHF Fixed Station Wide Band Antenna</b>									
BC103	144 to 174MHz	2.15-3.2dBi	300W	1.25m	1.4kg	60m/sec.	φ 30-62	MJ	omnidirectional 1/2 λ - 5/8 λ
<b>V/UHF Marin Fixed Station Antenna</b>									
150MV	TX 156to157MHz RX 156 to162.5MHz	2.15dBi	50W	1.23m	0.7kg	60m/sec.	φ 30-62	MJ	omnidirectional 1/2 λ
150MV II	TX 156 to 157MHz RX 156 to162.5MHz	6.0dBi	150W	2.8m	1.0kg	50m/sec.	φ 30-62	MJ	2x5/8 λ
150MVE	TX 156 to 157MHz RX 156 to 162.5MHz	2.15dBi	50W	1.13m	0.63kg	45m/sec.	φ 30-62	MJ	1/2 λ GP

\* Impedance : 50 Ω, VSWR : Less than 1.5, Less than 2.0 (BC103)

<b>HF Dipole Antenna</b>									
WD330	2 to 30MHz	—	150W(PEP)	25m	3.1kg (except coaxial cable)	—	—	MJ	With 5D2V 30m coaxial cable assembly / Plastic rope is optional
WD330J	2 to 30MHz	—	150W(PEP)	25m	3.1kg	—	—	MJ	—
WD330S	2 to 28.6MHz	—	150W(PEP)	10m	1.7kg	—	—	MJ	With two 10m plastic rope Without coaxial cable assembly

<b>BB series Broad Band Antenna</b>									
BB6W	2 to 30MHz	—	250W(SSB)	6.4m	0.8kg	—	—	MJ	Long wire type
BB7V	2 to 30MHz	—	250W(SSB)	6.7m	2.3kg	—	—	MJ	—

# Amateur radio antennas



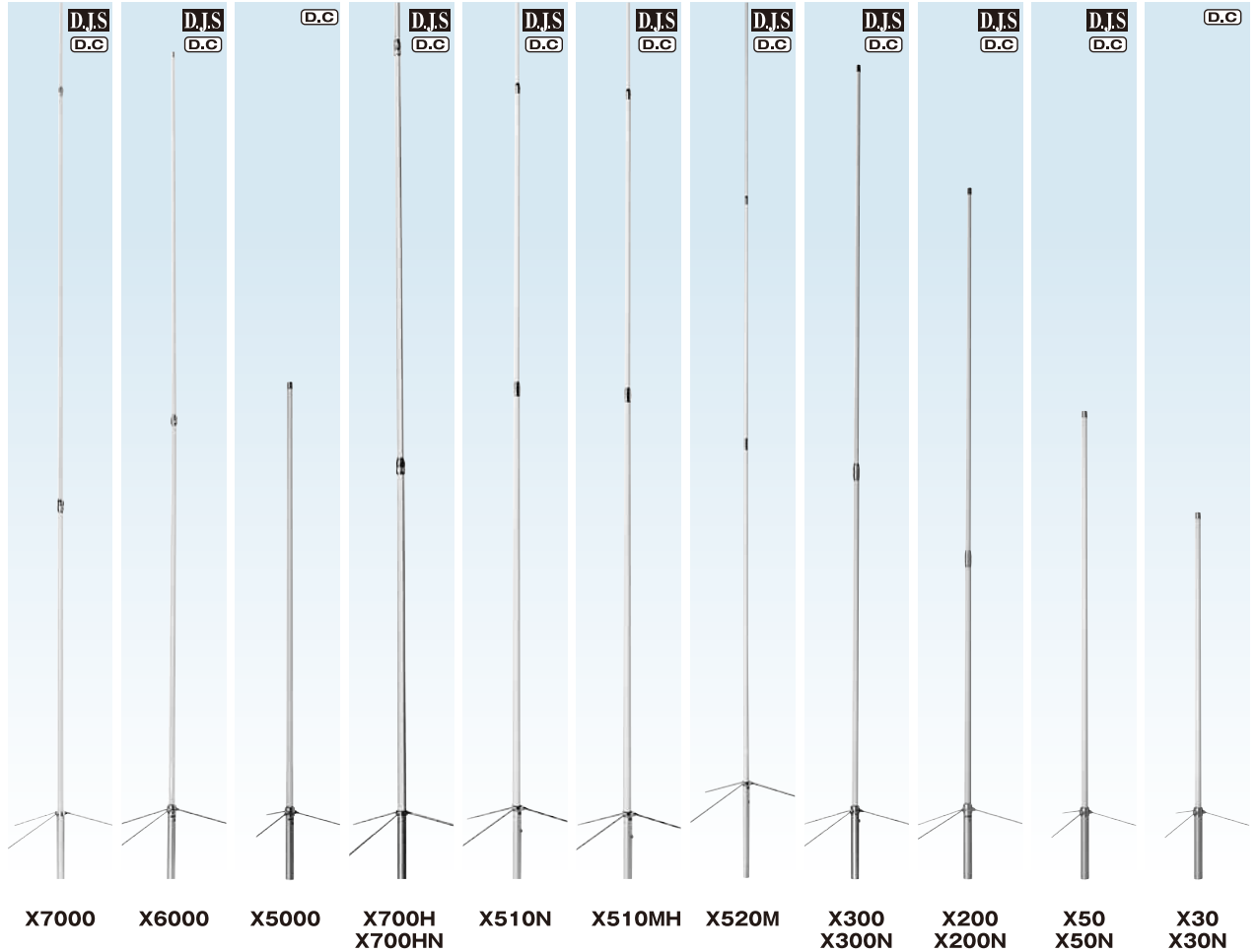
Model	Frequency	Gain	Max. power rating	Length	Radial Length	Weight	Rated wind velocity	Mast diameter accepted	Connector	Type
<b>HF/V/UHF Fixed Station Antenna</b>										
CP6S	3.5/7/14/21/28/50MHz*1) (80m/40m/20m/15m/10m/6m)	—	200W(SSB)	4.6m	approx. 1.8m	4.9kg	40m/sec.	φ30-62	MJ	6 band trap vertical antenna with trap radials. One direction style radial elements 29MHz(FM).
CP6SR	3.5/7/14/21/28/50MHz*2) (80m/40m/20m/15m/10m/6m)	—	200W(SSB)	4.6m	approx. 1.8m	4.9kg	40m/sec.	φ30-62	MJ	6 band trap vertical antenna with trap radials. One direction style radial elements 29MHz(FM).
R-1	3.575 - 3.650MHz	—	—	1.8m	—	0.7kg	—	—	—	Optional Radial Coil for CP6
R-2	3.650 - 3.725MHz	—	—	1.8m	—	0.7kg	—	—	—	Optional Radial Coil for CP6
CP5HS	7/14/21/28/50 MHz (40m/20m/15m/10m/6m)	—	200W SSB(7MHz), 400W SSB(14/21MHz), 500W SSB (28/29/50 MHz)	3.6m	1.8m	3.4kg	45m/sec.	φ30-62	MJ	5 bands trap vertical antenna
CP62	50MHz (6m)	5.5dBi	500W (SSB), 200W (FM)	approx. 6.8m (MAX)	approx. 1.5m	2.7kg	35m/sec.	φ30-62	MJ	2x5/8λ
CP610	28(29)/50MHz (10m/6m)	3.4dBi (28MHz), 5.5dBi (50MHz)	500W (SSB), 200W (FM)	approx. 6.8m (MAX)	approx. 1.8m (28MHz), approx. 1.5m (50MHz)	2.9kg	35m/sec.	φ30-62	MJ	5/8λ (28MHz), 2x5/8λ(50MHz)
CPVU8	3.5/7/14/21/28/50/144/430MHz (80m/40m/20m/15m/10m/6m/2m/70cm)	2.15dBi (144MHz), 5.5dBi (430MHz)	200W SSB(3.5-50MHz), 150W FM (50-430MHz)	2.7m	—	2.4kg	40m/sec.	φ30-62	MJ	8 bands GP
V2000	50/144/430MHz(6m/2m/70cm)	2.15dBi(50-52MHz), 6.2dBi(144MHz),8.4(430MHz)	150W(Total)	2.5m	approx. 92cm	1.2kg	50m/sec.	φ30-62	MJ	1/2λ C-Load(50MHz),2x5/8λC-Load(144MHz), 4x5/8λ C-Load(430MHz)

\* Impedance : 50Ω, VSWR : Less than 1.5 ※1) 80m : 3.50~3.60MHz ※2) 80m : 3.650~3.725MHz



# Amateur radio antennas

## V/UHF Fixed Station Antenna



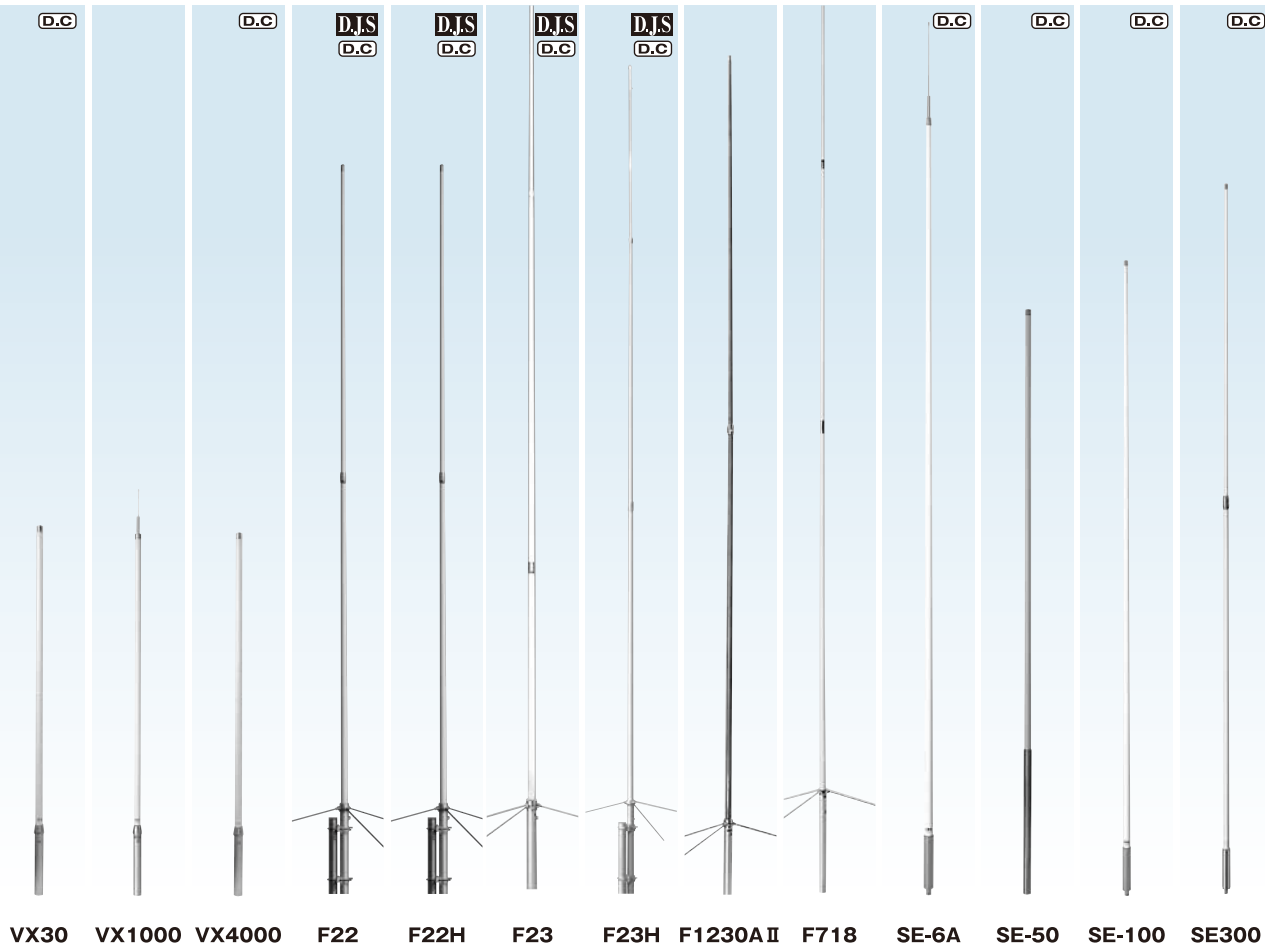
Model	Frequency	Gain	Max. power rating	Length	Radial length	Weight	Rated wind velocity	Mast diameter accepted	Connector	Type
<b>V/UHF Fixed Station Antenna</b>										
<b>X7000</b>	144/430/1200MHz (2m/70cm/23cm)	8.3dB(144MHz), 11.7dB (430MHz), 13.7dB(1200MHz)	100W(144/430MHz), 60W(1200MHz), 100W(Total)	5.0m	approx. 52cm	2.2kg	40m/sec.	φ 30-62	NJ	3 x 5/8λ C-Load(144MHz), 8 x 5/8λ C-Load(430MHz), 14 x 5/8λ C-Load(1200MHz), FRP outershell
<b>X6000</b>	144/430/1200MHz (2m/70cm/23cm)	6.5dB(144MHz), 9.0dB (430MHz), 10.0dB(1200MHz)	100W(144/430MHz), 60W(1200MHz), 100W(Total)	3.05m	approx. 52cm	1.8kg	50m/sec.	φ 30-62	NJ	2 x 5/8λ C-Load(144MHz), 5 x 5/8λ C-Load(430MHz), 6 x 5/8λ C-Load(1200MHz), FRP outershell
<b>X5000</b>	144/430/1200MHz (2m/70cm/23cm)	4.5dB(144MHz), 8.3dB (430MHz), 11.7dB(1200MHz)	100W(Total)	1.8m	approx. 19cm	0.9kg	60m/sec.	φ 30-62	NJ	6/8λ C-Load(144MHz), 3 x 5/8λ C-Load(430MHz), 7 x 5/8λ C-Load(1200MHz), FRP outershell
<b>X700H X700HN</b>	144/430MHz (2m/70cm)	9.3dB(144MHz), 13.0dB(430MHz)	200W(Total)	7.2m	approx. 52cm	3.8kg	40m/sec.	φ ★30-62	MJ/NJ	4 x 5/8λ C-Load(144MHz), 11 x 5/8λ C-Load(430MHz), FRP outershell
<b>X510N</b>	144/430MHz (2m/70cm)	8.3dB(144MHz), 11.7dB(430MHz)	200W(Total)	5.2m	approx. 52cm	2.0kg	40m/sec.	φ 30-62	NJ	3 x 5/8λ C-Load(144MHz), 8 x 5/8λ C-Load(430MHz), FRP outershell
<b>X510MH</b>	144/430MHz (2m/70cm)	8.3dB(144MHz), 11.7dB (430MHz)	350W(Total)	5.2m	approx. 52cm	2.08Kg	40m/sec.	φ 30-60	MJ	3 x 5/8λ C-Load(144MHz), 8 x 5/8λ C-Load(430MHz), FRP outershell
<b>X520M</b>	144/430MHz (2m/70cm)	8.3dB (144MHz), 11.7dB (430MHz)	200W FM (Total)	5.2m	approx. 52cm	2.0kg	40m/sec.	φ 30-60	MJ	3x5/8λ C-Load(144MHz), 8x5/8λ C-Load (430MHz)
<b>X300 X300N</b>	144/430MHz (2m/70cm)	6.5dB(144MHz), 9.0dB(430MHz)	200W(Total)	3.1m	approx. 52cm	1.5kg	50m/sec.	φ 30-62	MJ	2 x 5/8λ C-Load(144MHz), 5 x 5/8λ C-Load(430MHz), FRP outershell
<b>X200 X200N</b>	144/430MHz (2m/70cm)	6.0dB(144MHz), 8.0dB(430MHz)	200W(Total)	2.5m	approx. 52cm	1.2kg	50m/sec.	φ 30-62	MJ/NJ	2 x 5/8λ(144MHz), 4 x 5/8λ(430MHz), FRP outershell
<b>X50 X50N</b>	144/430MHz (2m/70cm)	4.5dB(144MHz), 7.2dB(430MHz)	200W(Total)	1.7m	approx. 19cm	0.9kg	60m/sec.	φ 30-62	MJ/NJ	6/8λ C-Load(144MHz), 3 x 5/8λ C-Load(430MHz), FRP outershell
<b>X30 X30N</b>	144/430MHz (2m/70cm)	3.0dB(144MHz), 5.5dB(430MHz)	150W(Total)	1.3m	approx. 19cm	0.8Kg	60m/sec.	φ 30-62	MJ/NJ	1/2λ(144MHz), 2 x 5/8λ(430MHz), FRP outershell

★More than 45 φ diameter mast is recommended.

\* Impedance : 50 Ω, VSWR : Less than 1.5

# Amateur radio antennas

**HF/V/UHF  
Fixed Station  
Antenna  
&  
Marine Fixed  
Station  
Antenna**



Model	Frequency	Gain	Max. power rating	Length	Radial length	Weight	Rated wind velocity	Mast diameter accepted	Connector	Type
<b>HF/V/UHF Fixed Station Antenna</b>										
VX30	144/430MHz (2m/70cm)	2.15dBi(144MHz), 5.5dBi(430MHz)	150W (Total)	1.3m	—	0.7kg	60m/sec.	φ30-62	MJ	1/2λ radialless(144MHz), 2 x 5/8 λ radialless (430MHz), FRP outershell
VX1000	50/144/430MHz (6m/2m/70cm)	1.5dBi(50MHz), 2.15dBi (144MHz), 5.5dBi(430MHz)	150W SSB(Total)	1.42m	—	0.8kg	60m/sec.	φ30-62	MJ	1/2λ(50.5-52MHz), 1/2λ radialless(144MHz), 2 x 5/8λ radialless(430MHz), FRP outershell
VX4000	144/430/1200MHz (2m/70cm/23cm)	2.6dBi(144MHz), 5.8dBi (430MHz), 9.2dBi(1200MHz)	100W (Total)	1.3m	—	0.7kg	60m/sec.	φ30-62	NJ	1/2λ C-Load radialless(144MHz), 2 x 5/8λ C-Load radialless (430MHz), 5 x 5/8λ C-Load radialless(1200MHz), FRP outershell
F22	144MHz(2m)	6.7dB	200W	3.2m	approx. 52cm	1.3kg	50m/sec.	φ30-62	MJ	omnidirectional 2x7/8λ, FRP outershell
F22H	144MHz(2m)	6.7dB	350W	3.2m	approx. 52cm	1.3kg	50m/sec.	φ30-62	MJ	omnidirectional 2x7/8λ, FRP outershell
F23	144MHz(2m)	7.8dB	200W	4.6m	approx. 52cm	1.7kg	50m/sec.	φ30-62	MJ	omnidirectional 3x5/8λ, FRP outershell
F23H	144MHz(2m)	7.8dB	350W	5.2m	approx. 50cm	2.0kg	40m/sec.	φ30-62	MJ	omnidirectional 3x5/8λ, FRP outershell
F1230AII	1200MHz(23cm)	13.5dBi	100W	3.06m	approx. 62cm	1.15kg	40m/sec.	φ30-62	NJ	1/2λ twenty-five-erement coaxial collinear antenna, FRP outershell
F718	430MHz (70cm)	11.5dBi	250W	4.6m	approx. 19cm	1.7kg	40m/sec.	φ30-60	NJ	18x1/2λ, FRP outershell
<b>HF/V/UHF Marine Fixed Station Antenna</b>										
SE6A	50MHz (6m)	2.15dBi	200W (SSB), 60W (FM)	2.5m	—	2.2kg	60m/sec.	φ25-100	MJ	1/2λradialless
SE50	144/430MHz (2m/70cm)	4.5dB(144MHz), 7.2dBi(430MHz)	100W	2.0m	—	0.8kg	60m/sec.	φ30-62	MJ	6/8λ radialless C-Load (144MHz), 3x5/8λ radialless C-Load (430MHz), FRP outershell
SE100	144/430MHz (2m/70cm)	6.0dBi(144MHz), 8.0dBi(430MHz)	150W FM(Total)	2.25m	—	1.5kg	50m/sec.	φ25-100	MJ	2x5/8λ radialless(144MHz), 4x5/8λ radialless(430MHz), FRP outershell
SE300	144/430MHz (2m/70cm)	6.5dBi(144MHz), 9.0dBi(430MHz)	150W FM	2.85m	—	1.4kg	50m/sec.	φ30-62	MJ	2x5/8λ radialless C-Load (144MHz), 5x5/8λ radialless C-Load(430MHz)

\*Impedance:50Ω, VSWR:Less than 1.5

## Beam Antenna for The Radio Communications

### 50MHz Beam Antenna

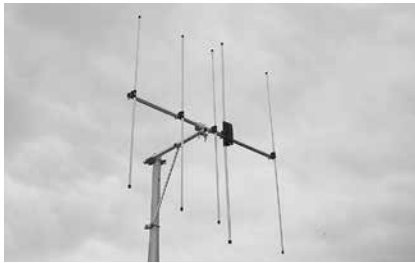


#### 50MHz(6m)2-ELEMENTS PHASED DRIVE BEAM ANTENNA

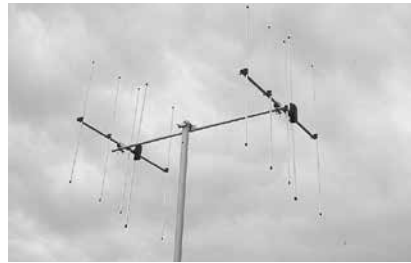
##### A502HBR

Frequency:50 to 53MHz (Center frequency without adjustment is set to 51MHz)  
 Gain:6.3dBi / Max. power rating:400W(SSB) / Impedance:50Ω  
 VSWR: Less than 1.5:1(50 to 52MHz without adjustment) / FB ratio : More than 15dB  
 Half power band width: Less than 70degrees / Wind surface area:0.14m<sup>2</sup>  
 Rated wind velocity:40m/sec. / Turning radius: approx.1600mm / Connector:M-P(M-J)  
 Mast diameter accepted:25mm to 56mm  
 Dimensions:800mmx3000mmx85mm / Weight:1.7kg

### 144MHz(2m) Beam Antenna



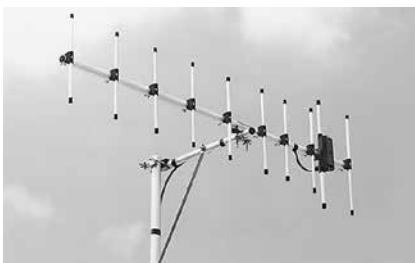
**A144S5R (Single)**  
 Support boom element for single antenna (optional) is required for one antenna operation.



**A144S5R (Parallel stack)**  
 For two antennas, support boom element for dual antenna parallel stacked antennas(optional), and stack transformer(optional) are required for parallel stack operation.

Model	Single		Parallel stack	
	A144S5R (5 elements)	A144S10R (10 element)	A144S5R (X2)	A144S10R (X2)
Frequency	144 to 146MHz		144 to 146MHz	
Gain	9.1dBi	11.6dBi	11.5dBi	13.5dBi
Max.power rating	50W		100W	
Impedance	50Ω		50Ω	
VSWR	Less than 1.3:1		Less than 1.5:1	
Weight	0.63kg	1.1kg	2.2kg	3.2kg
Dimensions	950x1090x73mm	2130x1090x73mm	950x1090x1320mm	2130x1090x1320mm
Mast diameter accepted(mm)	25mm to 47mm(with support boom element for single antenna)		25mm to 56mm(with support boom element for dual antenna parallel stacked antennas)	
Connector	M-J		M-J	
FB ratio	More than 14dB	More than 15dB	More than 16dB	More than 17dB
Wind surface area	0.1m <sup>2</sup>	0.16m <sup>2</sup>	0.19m <sup>2</sup>	0.31m <sup>2</sup>
Turning radius	approx.860mm	approx.1450mm	approx.870mm	approx.1465mm

### 430MHz(70cm) Beam Antenna



**A430S10R(Single)**  
 Support boom element for single antenna (optional) is required for one antenna operation.



**A430S10R (Parallel stack)**  
 For two antennas, support boom element for dual antenna parallel stacked antennas(optional), and stack transformer(optional) are required for parallel stack operation.

Model	Single		Parallel stack	
	A430S10R(10 elements)	A430S15R(15 elements)	A430S10R(x 2)	A430S15R(x 2)
Frequency	430 to 440MHz		430 to 440MHz	
Gain	13.1dBi	14.8dBi	15.1dBi	16.8dBi
Max.power rating	50W		100W	
Impedance	50Ω		50Ω	
VSWR	Less than 1.4:1		Less than 1.5:1	
Weight	0.64kg	0.97kg	2.1kg	2.8kg
Dimensions	1190mmx370mmx73mm	2245mmx370mmx73mm	1190mmx370mmx830mm	2245mmx370mmx830mm
Mast diameter accepted(mm)	25mm to 47mm(with support boom element for single antenna)		25mm to 56mm(with support boom element for parallel stacked antenna)	
Connector	M-J		M-J	
FB ratio	More than 15dB	More than 14dB	More than 15dB	More than 16dB
Wind surface area	0.07m <sup>2</sup>	0.11m <sup>2</sup>	0.14m <sup>2</sup>	0.22m <sup>2</sup>
Turning radius	approx.820mm	approx.1390mm	approx.835mm	approx.1410mm

## Optional Parts for Beam Antenna



**Support boom element for parallel stacked antennas**

**SB144R**  
(144MHz/2m)

**SB430R**  
(430MHz/70cm)



**Support boom element for single antenna**

**KB144R**  
(144MHz/2m)

**KB430R**  
(430MHz/70cm)



**Stack transformer**

**SS770R**  
144MHz(2m)/430MHz(70cm)

## 144/430MHz(2m/70cm) Beam Antenna



### A1430S7

Frequency: 144/430MHz(2m/70cm)  
Gain: 7.5dBi (144MHz), 9.3dBi (430MHz)  
Max. power rating: 100W (FM)  
Impedance: 50Ω  
VSWR: Less than 1.5  
Boom length: 1.25m  
Element length: 1.02m (MAX)

Weight: 0.95kg  
Connector: M-J  
Rated wind velocity: 35m/sec.  
Mast diameter accepted: 25-62φ  
Type: 3-element beam antenna (144MHz), 5-element beam antenna (430MHz)  
Wind surface area: 0.17m<sup>2</sup>  
FB ratio: More than 11.5dB(144MHz), More than 8.0dB (430MHz)  
Tuning radius: Approx. 1.2m

## HF Dipole Antenna

### 7/14/21/28/50MHz(40m/20m/15m/10m/6m) Traped V-Dipole Antenna



### HFV5

•7/14/21/28/50MHz(40m/20m/15m/10m/6m)  
•150W(SSB)(7/14MHz),220W(SSB)(21/28/50MHz)  
Impedance:50Ω  
VSWR:Less than 1.5:1(Within Resonant frequency band)  
Length:4.0m / Weight:1.95kg  
Mast diameter accepted:25mm to 62mm  
Connector:M-J / Type:Traped dipole



### HFVC18

18MHz Loding coil for HFV5 only.  
Frequency:18MHz Band  
Max. Power rating: 150W(SSB)  
VSWR:Less than 1.5



### HFV330

Frequency:3.5-25MHz(long element) / 21-30MHz(short element)  
Max. power rating: 250W(SSB),80W(CW,FM)  
Impedance: 50Ω  
SWR:Less than 1.5 (at resonate frequency)  
Connector: M-J  
Element length:2.53m (one side)  
Tuning-radius: Approx. 1.9m  
Weight: Approx. 5.9kg

Rated wind velocity: 35m/sec.  
Type: V dipole antenna  
Mast diameter Accepted: φ 38-φ 60  
Control cable: 1.5m(included)  
Power Supply voltage current: 12V 300mA



**SDC2**  
Controller for HFV330



**ETK10**  
10m extension cable for HFV330

## HF Dipole Antenna



### W-721

7/21MHz(40m/15m)  
Max.power rating:1.2kW(PEP) Length:12.4m / Weight:1.2kg

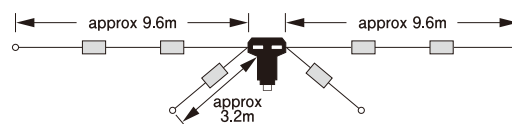
### W-735

3.5/7MHz(80m/40m)  
Max. power rating:1.2kW(PEP) Length:26m / Weight:1.85kg



### W-8010

3.5/7/14/21/28MHz(80m/40m/20m/15m/10m)  
Max. power rating:1.2kW(PEP) Length:19.2m / Weight:2.5kg



## BB series Broad Band Antenna



### BB6W HF Wide Band Wire Antenna

2-30MHz Max. power rating:250W (SSB) Length:approx.6.4m / Weight: 0.8kg / TYPE:Long wire type / Connector:M-J

### BB7V HF Wide Band GP Antenna

2-30MHz Max. power rating:250W (SSB) Length:approx.6.7m / Weight: 2.3kg / Connector:M-J

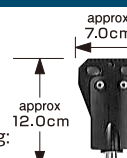


## Balun



### BU50

● 1.7 to 40MHz  
● 50Ω  
● Max. power rating: 1.2kW(PEP)  
● Connector:M-J



### BU55

● 3 to 75MHz  
● 50Ω  
● Max. power rating: 500W(PEP)  
● Connector:M-J



### **Uwaga:**

To jest tylko część katalogu z produktami Diamond Antenna. Pełny katalog w formie pdf (rozmiar 15MB) załadujesz pod adresem lub kliknij:  
**[inradio.pl/diamond-katalog/DIAMOND-2019.pdf](http://inradio.pl/diamond-katalog/DIAMOND-2019.pdf)**

### **NOTE**

M connector

Though M receptacle being use throughout antennas are identical in its outlook with conventional UHF type receptacle, its characteristic performance is almost the same as one in N type receptacle, it is highly recommended to use DIAMOND's genuine antenna brackets and connection cables to maintain maximum antenna performance,(Due to difference in their thread pitch, same so called UHF type connectors can not fit in our receptacle.)

### **DIAMOND ANTENNA CORPORATION**

Miyata Building, No. 15-1,1-chome Sugamo, Toshima-ku Tokyo 170-0002, Japan.

Phone No.03-3947-1411 Fax No.03-3944-2981

<http://www.diamond-ant.co.jp/english.html> E-mail:overseas@diamond-ant.co.jp

***Import i and distribution in Central and Eastern Europe:***

***PTH PRO-FIT***

***ul. Puzzkina 80, 92-516 Lodz, POLAND***

***tel. (+48 42) 649 28 28 mobile: +48 601 64 67 67***

***internet: [inRADIO.pl](http://inradio.pl), e-mail: [biuro@inradio.pl](mailto:biuro@inradio.pl)***