

DIAMOND
ANTENNA

COMMUNICATION WORLD

ANTENNAS / ACCESSORIES

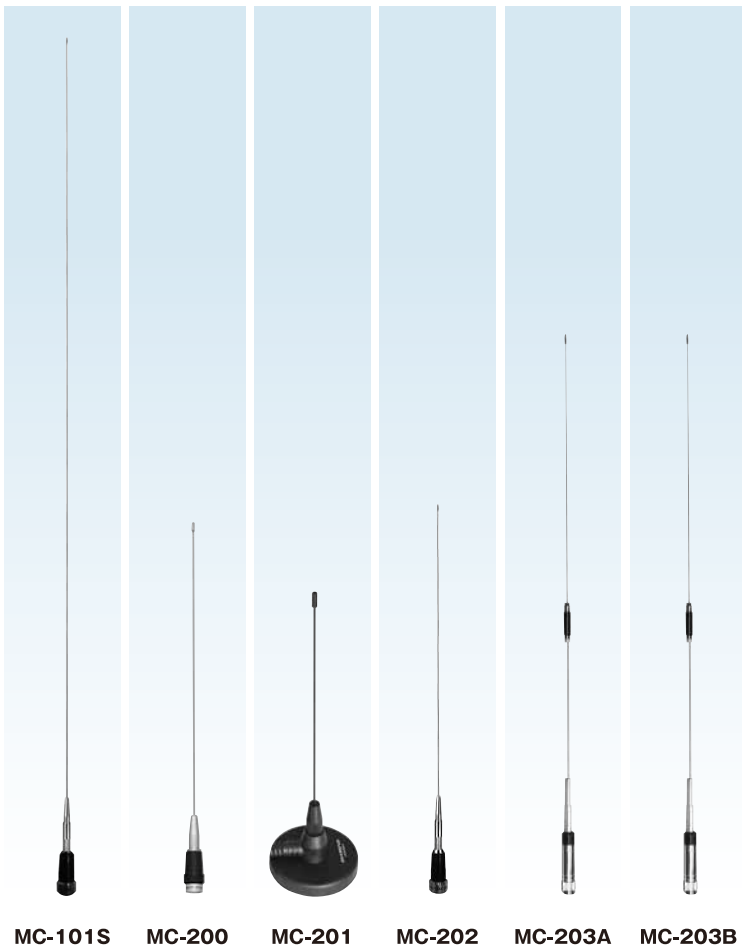
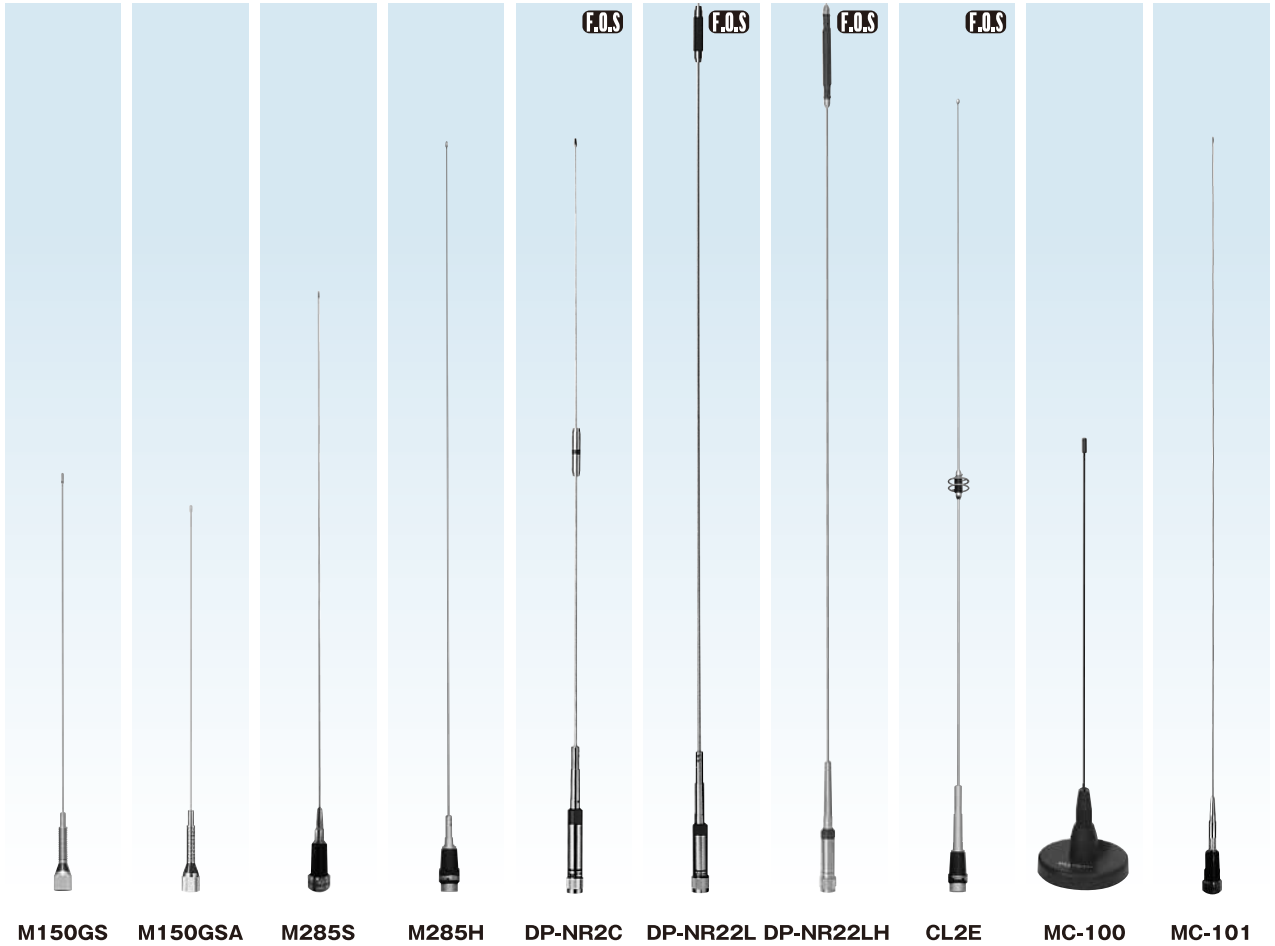
CATALOG

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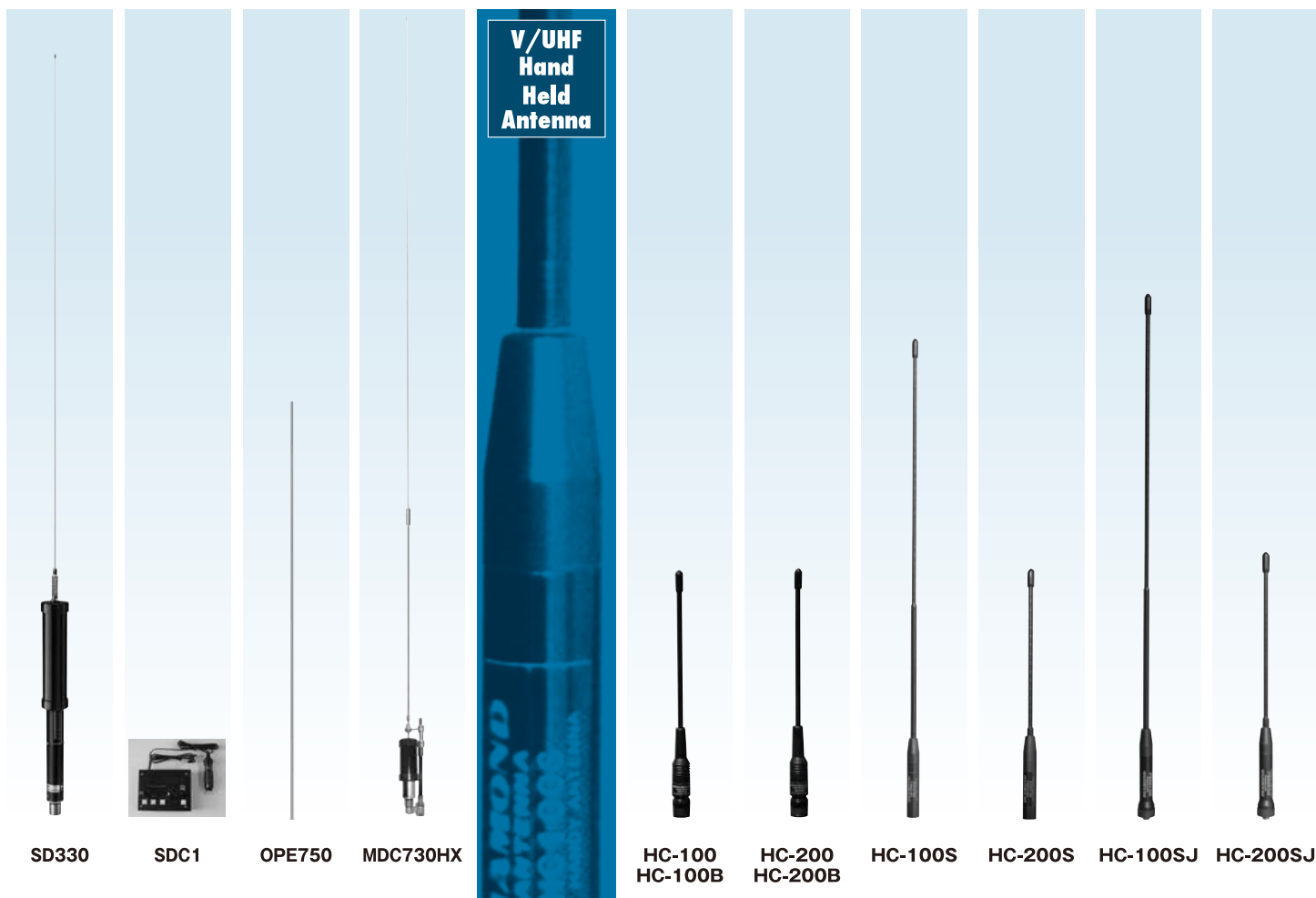
MOBILE WHIP ANTENNAS
MOBILE RECEIVING ANTENNAS
FIXED STATION ANTENNAS
MOBILE TELEPHONE TYPE ANTENNAS
INDOOR PORTABLE ANTENNAS
TRAP DIPOLE ANTENNAS
GROUND PLANE ANTENNAS
ANTENNAS FOR HANDHELD TRANSCEIVERS
EXTERNAL SPEAKERS
SWR/POWER METERS
COAXIAL SWITCHES
SURGE PROTECTORS
DC POWER SUPPLIES
DC/DC CONVERTERS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

Anteny profesjonalne

Commercial antennas



Commercial antennas



**V/UHF
Hand
Held
Antenna**

SD330

SDC1

OPE750

MDC730HX

**HC-100
HC-100B**

**HC-200
HC-200B**

HC-100S

HC-200S

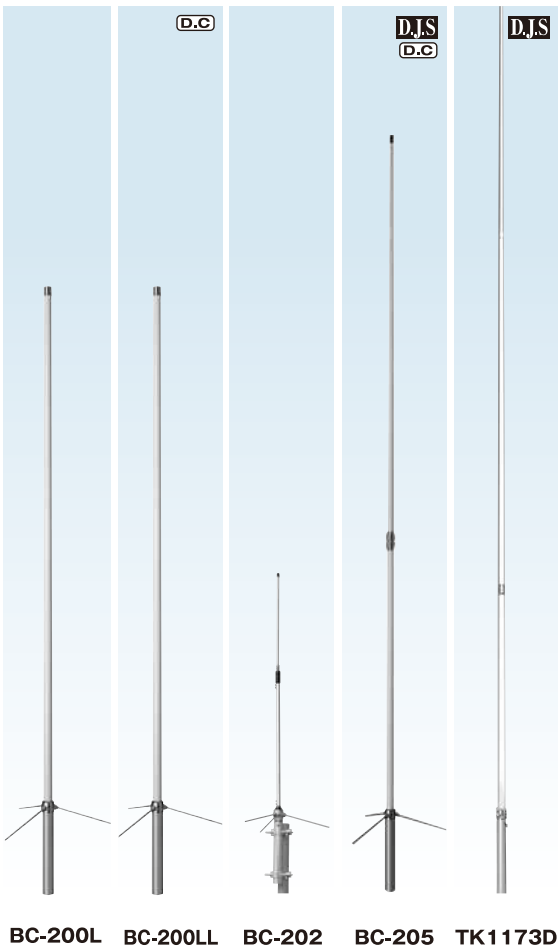
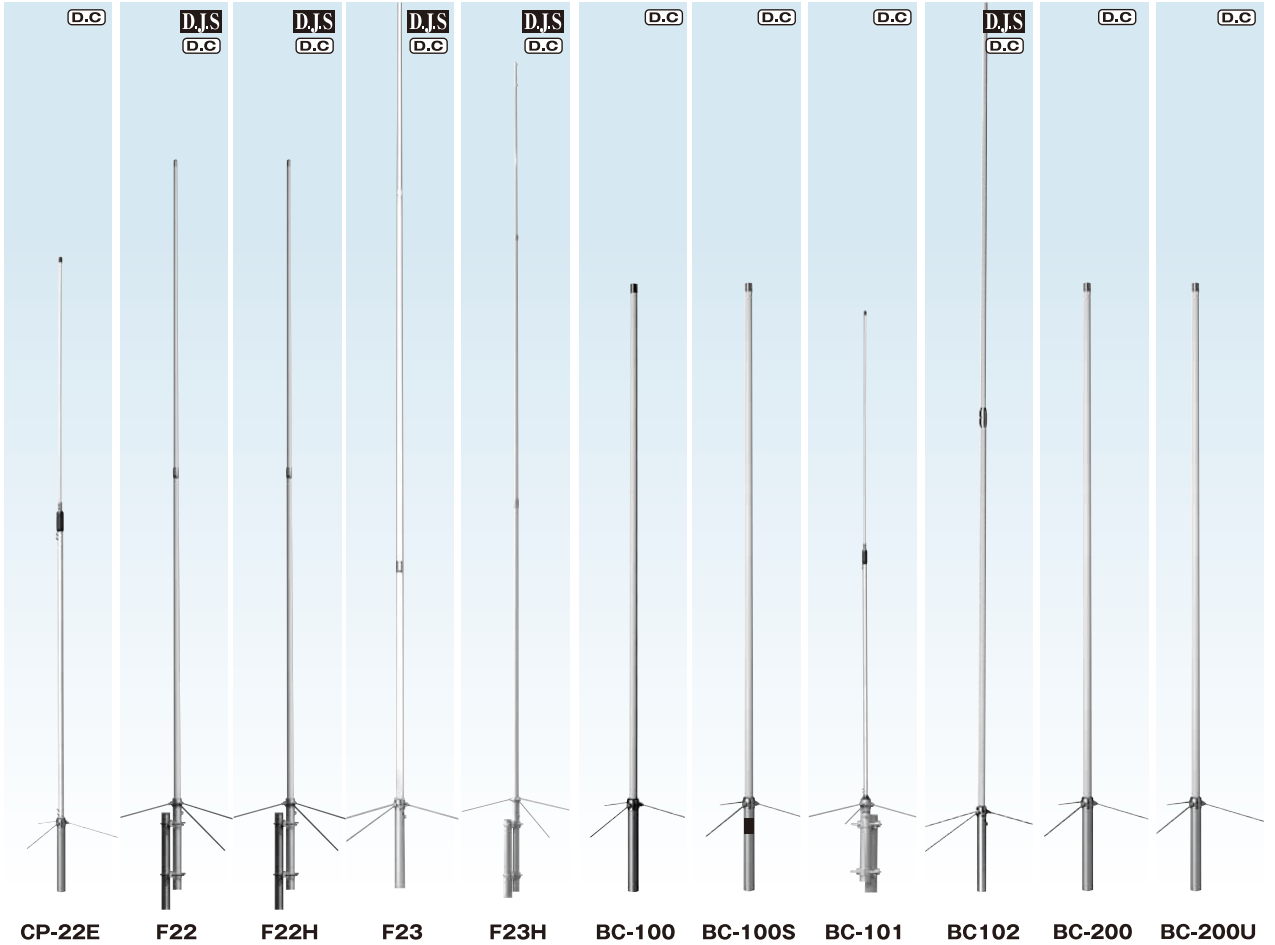
HC-100SJ

HC-200SJ

Model	Frequency	Gain	Max. power rating	Length	Weight	Connector	Type
V/UHF Mobile Whip Antenna with Cutting Chart							
M150GS	134 to 174MHz	2.15dBi	200W	0.58m	160g	MP	1/4λ
M150GSA	144 to 174MHz	2.15dBi	200W	0.50m	110g	MP	1/4λ
M285S	144 to 174MHz	3.4dB	200W	1.33m	180g	MP	5/8λ
M285H	134 to 174MHz	3.4dB	250W	1.40m	200g	MP	5/8λ
DP-NR2C	144 to 174MHz	4.1dB	150W	1.41m	200g	MP	6/8λ
DP-NR22L	144 to 160MHz	6.5dB	100W	2.46m	500g	MP	2 × 5/8λ radialless
DP-NR22LH	144 to 174MHz	6.5dB	280W	2.52m	520g	MP	2 × 5/8λ radialless
CL2E	144 to 174MHz	4.1dB	200W	1.45m	220g	MP	6/8λ
MC-100	134 to 174MHz	2.15dBi	70W	0.52m	390g	MP	1/4λ magnet mount antenna (with RG58/U 4m)
MC-101	134 to 174MHz	3.4dB	200W	1.42m	180g	MP	5/8λ
MC-101S	117 to 174MHz	3.4dB	200W	1.62m	180g	MP	5/8λ
MC-200	340 to 520MHz	3.4dB	250W	0.57m	170g	MP	5/8λ
MC-201	340 to 520MHz	2.15dBi	100W	0.31m	370g	MP	1/4λ magnet mount antenna (with RG58/U 4m)
MC-202	340 to 520MHz	3.4dB	200W	0.54m	130g	MP	5/8λ
MC203A	430 to 470MHz	5.5dBi	200W	0.86-0.97m	210g	MP	2 × 5/8 λ
MC203B	460 to 490MHz	5.5dBi	200W	0.86-0.97m	210g	MP	2 × 5/8 λ
VHF Mobile Wide Band Antenna							
MC103A	132 to 155MHz	3.2dBi	200W	1.515m	430g	MP	3/4 λ
MC103B	150 to 172MHz	3.2dBi	200W	1.41m	390g	MP	3/4 λ
HF Mobile Antenna							
TK1173A	2 to 30MHz	—	—	2.2m	3.3kg	—	—
SD330	3.5 to 30MHz	—	200W (SSB)	1.85m	1.1kg	MP	1/4 λ center loading
SDC1	—	Please refer to P.12 for the details.					
OPE750	7 to 50MHz	—	—	770mm	—	—	Optional element for SD330
MDC730HX	7 to 30MHz	—	200W(SSB),70W(FM,CW)	—	700g	—	Coil only (Optional coil for MD200)
V/UHF Hand held Antenna with Cutting Chart							
HC-100/B	134 to 174MHz	2.15dBi	10W	0.19m	45g	TNCP/BNCP	1/4λ,120/150/300/450/800/900MHz receiving only
HC-200/B	350 to 520MHz	2.15dBi	10W	0.19m	45g	TNCP/BNCP	1/4λ,120/150/300/450/800/900MHz receiving only
HC-100S	134 to 174MHz	2.15dBi	10W	0.40m	39g	SMAP	1/4λ,120/150/300/450/800/900MHz receiving only
HC-200S	350 to 520MHz	2.15dBi	10W	0.20m	27g	SMAP	1/4λ,120/150/300/450/800/900MHz receiving only
HC-100SJ	134 to 174MHz	2.15dBi	10W	0.40m	39g	SMAJ	1/4λ,120/150/300/450/800/900MHz receiving only
HC-200SJ	350 to 520MHz	2.15dBi	10W	0.20m	27g	SMAJ	1/4λ,120/150/300/450/800/900MHz receiving only

*Impedance:50Ω,VSWR:Less than 1.5
Less than 2.0(MC-101S, MC103A, MC103B)

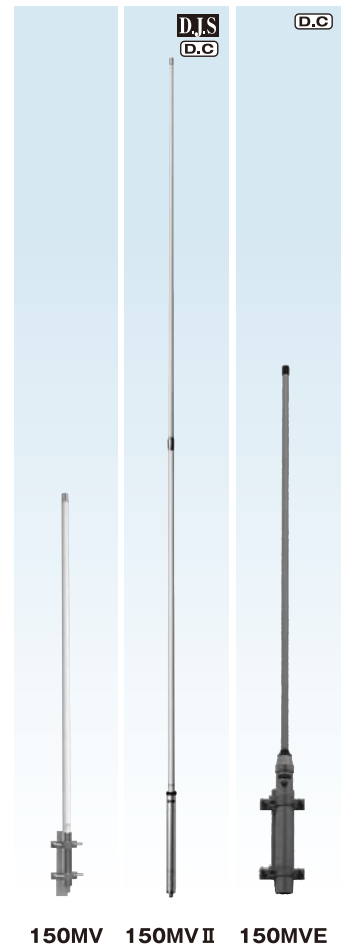
**HF/V/UHF
Fixed
Station
Antenna**



**VHF
Fixed Station
Wide Band
Antenna**



**V/UHF
Marin
Fixed Station
Antenna**



Commercial antennas

HF Dipole Antenna

BB series

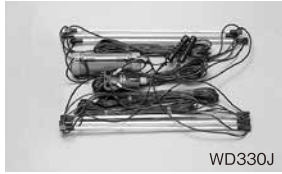
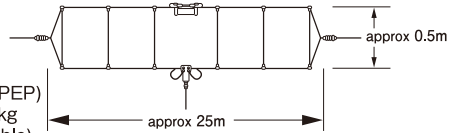


WD330

WD330

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

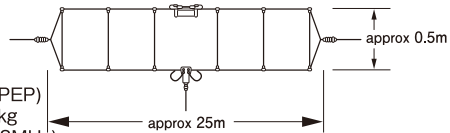
Coaxial Cable:5D-2V 30m w/M-Connector / Plastic rope is optional
VSWR:Less than 2.0(2-18MHz) Less than3.0(18-30MHz)



WD330J

WD330J

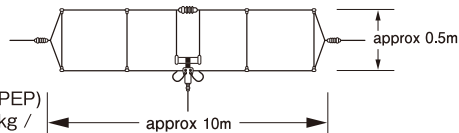
2 to 30MHz
Max. power rating:150W(PEP)
Length:25m / Weight:3.1kg
VSWR:Less than 2.0(2-18MHz)
Less than3.0(18-30MHz)



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)



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

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
HF/UHF Fixed Station Antenna with Cutting Chart									
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	-
VHF Fixed Station Wide Band Antenna									
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
V/UHF Marin Fixed Station Antenna									
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)

HF Dipole Antenna									
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

BB series Broad Band Antenna									
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	-

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

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.)

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