

DIAMOND
ANTENNA

COMMUNICATION WORLD

ANTENNAS / ACCESSORIES

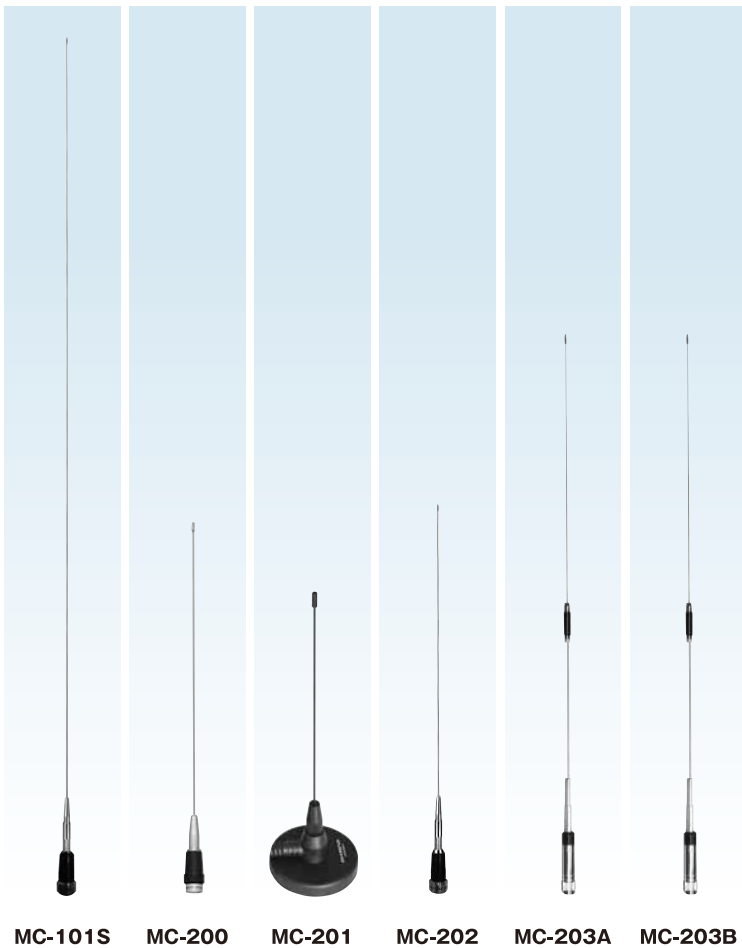
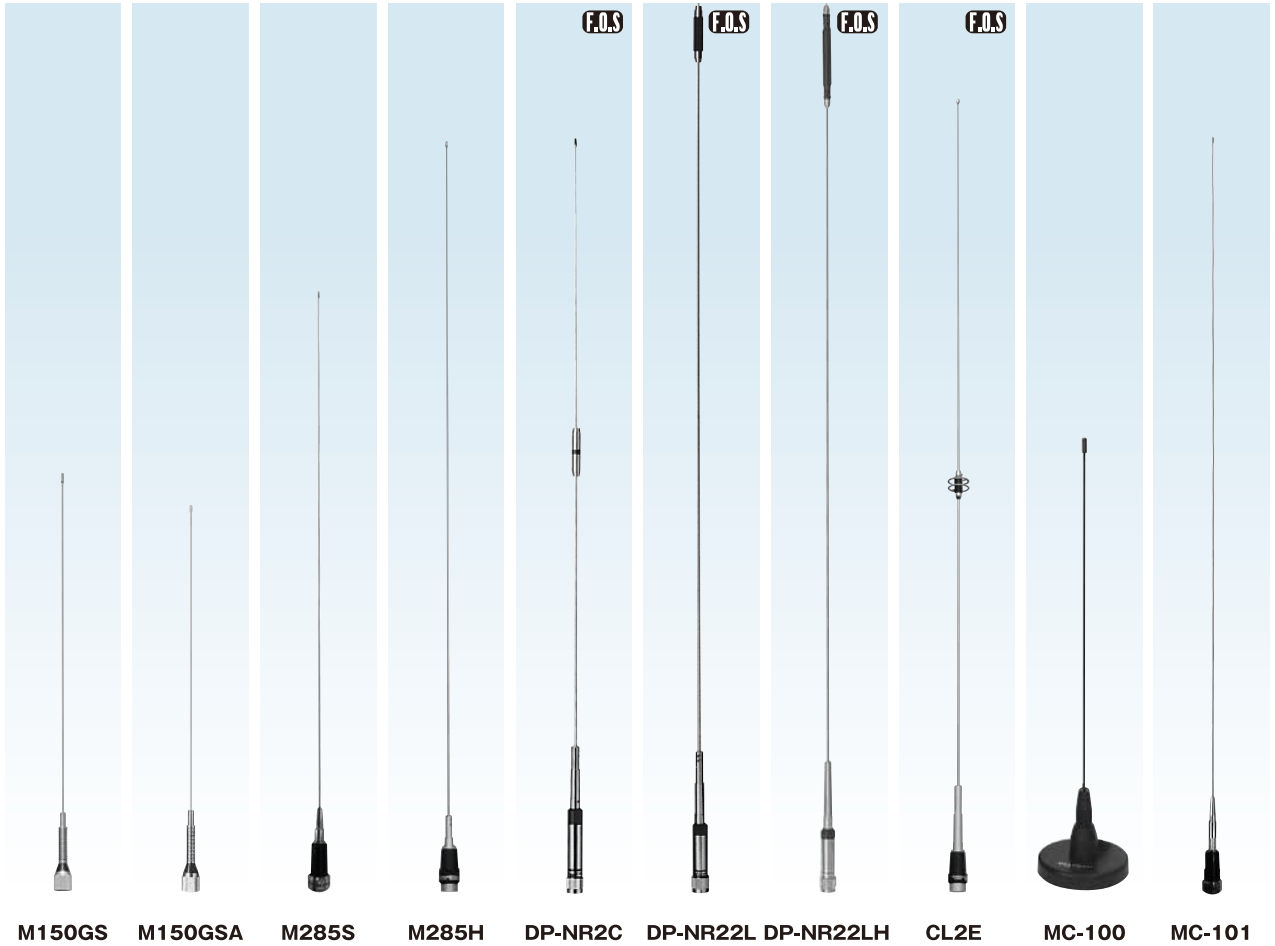
CATALOG

5

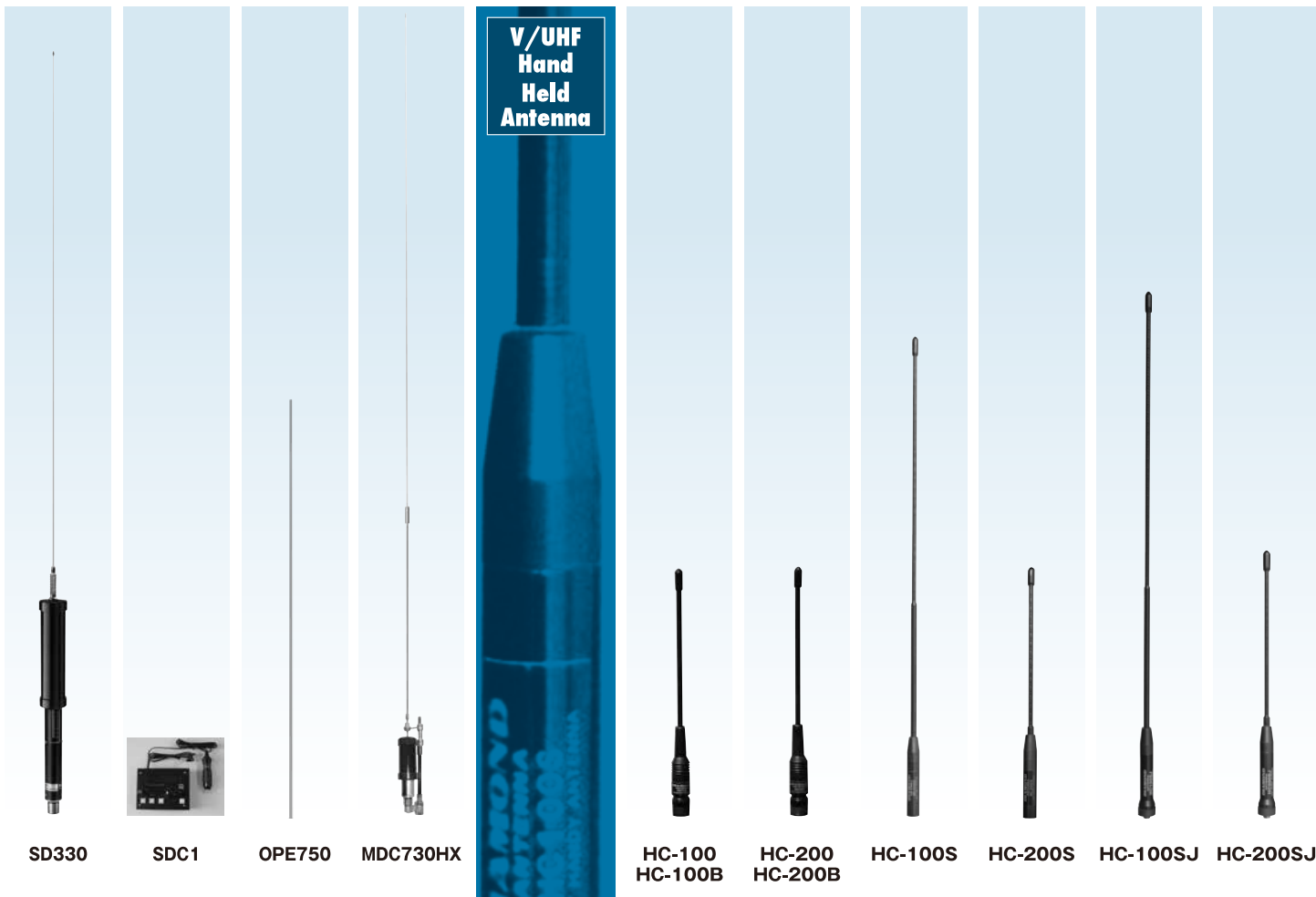
MOBILE WHIP ANTENNAS
MOBILE RECEIVING ANTENNAS
FIXED STATION ANTENNAS
MOBILE TELEPHONE TYPE ANTENNAS
INDOOR PORTABLE ANTENNAS
TRAP DIPOLE ANTENNAS
GROUND PLANE ANTENNAS
ANTENNAS FOR HANDHELD TRANSCEIVERS
EXTERNAL SPEAKERS
SWR/POWER METERS
COAXIAL SWITCHES
SURGE PROTECTORS
DC POWER SUPPLIES
DC/DC CONVERTERS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

Anteny mobil VHF/UHF

Commercial antennas



Commercial antennas

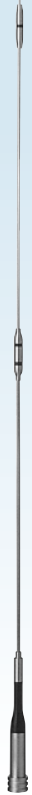


Model	Frequency	Gain	Max. power rating	Length	Weight	Connector	Type
V/UHF Mobile Whip Antenna with Cutting Chart							
M150GS	134 to 174MHz	2.15dBi	200W	0.58m	160g	MP	1/4λ
M150GSA	144 to 174MHz	2.15dBi	200W	0.50m	110g	MP	1/4λ
M285S	144 to 174MHz	3.4dB	200W	1.33m	180g	MP	5/8λ
M285H	134 to 174MHz	3.4dB	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

HF/V/UHF
Mobile
Whip
Antenna

SUPER GAINER

F.O.S



SG2000

F.O.S



SG7000

F.O.S



SG7100R

F.O.S



SG7200

F.O.S



SG7400

F.O.S



SG7500

F.O.S



SG7700

F.O.S



SG7900

F.O.S



SG9500M
SG9500N

F.O.S



SG9600

F.O.S

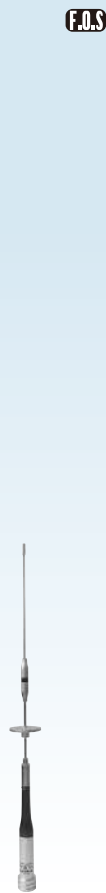


SG9700

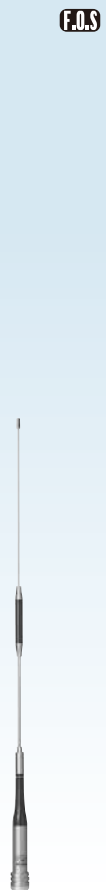
Amateur radio antennas

HF/V/UHF
Mobile
Whip
Antenna

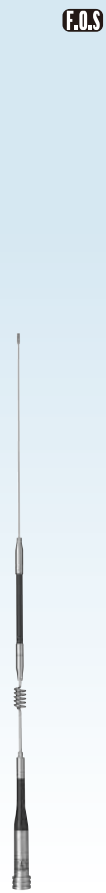
SUPER GAINER mini



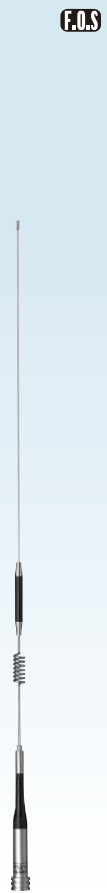
SG-M504



SG-M505



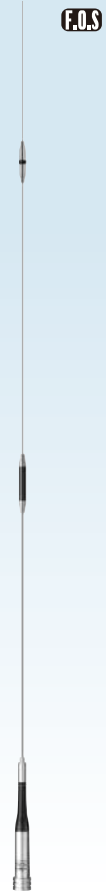
SG-M506R



SG-M507



SG-M510



SG-M911

Model	Frequency	Gain	Max. power rating	Length	Weight	Connector	Type
SUPER GAINER HF/V/UHF Mobile Whip Antenna							
SG2000	144MHz(2m)	5.2dB	150W	1.59m	400g	MP	7/8λ double C-Load radialless
SG7000	144/430MHz (2m/70cm)	2.15dBi(144MHz), 3.8dB(430MHz)	100W(Total)	0.47m	280g	MP	1/4λ C-Load(144MHz), 6/8λ C-Load radialless(430MHz)
SG7100R	144/430MHz (2m/70cm)	2.15dBi(144MHz), 4.8dBi(430MHz)	60W(Total)	0.62m	300g	MP	1/2λ radialless(144MHz), 2x5/8λ radialless(430MHz)
SG7200	144/430MHz(2m/70cm) (300MHz receiving only)	3.2dB(144MHz), 5.7dB(430MHz)	150W(Total)	0.96m	335g	MP	1/2λ C-Load radialless(144MHz), 2x5/8λ C-Load radialless(430MHz)
SG7400	144/430MHz(2m/70cm) (300MHz receiving only)	2.15dBi(144MHz), 5.5dBi(430MHz)	150W(Total)	0.99m	305g	MP	1/2λ radialless(144MHz), 2x5/8λ radialless(430MHz)
SG7500	144/430MHz(2m/70cm) (300MHz receiving only)	3.5dB(144MHz), 6.0dB(430MHz)	150W(Total)	1.06m	330g	MP	1/2λ C-Load radialless(144MHz), 2x5/8λ radialless(430MHz)
SG7700	144/430MHz (2m/70cm)	4.3dB(144MHz), 6.8dB(430MHz)	150W(Total)	1.27m	350g	MP	5/8λ double C-Load radialless(144MHz), 2x5/8λ C-Load radialless(430MHz)
SG7900	144/430MHz (2m/70cm)	5.0dB(144MHz), 7.6dB(430MHz)	150W(Total)	1.58m	600g	MP	7/8λ double C-Load radialless(144MHz), 3x5/8λ C-Load radialless(430MHz)
SG9500M SG9500N	144/430/1200MHz (2m/70cm/23cm)	3.15dB(144MHz), 6.3dB (430MHz), 9.7dB(1200MHz)	100W(144/430MHz),50W (1200MHz),100W(Total)	1.00m	320g	MP/NP	1/2λ C-Load radialless(144MHz), 2x5/8λ C-Load radialless(430MHz), 5x5/8λ C-Load radialless(1200MHz)
SG9600	50/144/430MHz (6m/2m/70cm)	2.15dBi(144MHz), 5.2dBi(430MHz)	60W(Total)	0.82m	320g	MP	1/4λ(51 to 52MHz FM), 1/2λ radialless(144MHz), 2x5/8λ radialless(430MHz)
SG9700	50/144/430MHz (6m/2m/70cm)	3.0dBi(144MHz), 5.8dBi(430MHz)	100W(Total)	1.07m	340g	MP	1/4λ(51 to 52MHz FM), 1/2λ C-Load radialless(144MHz), 2x5/8λ C-Load radialless(430MHz)
SUPER GAINER mini HF/V/UHF Mobile Whip Antenna							
SG-M504	144/430MHz (2m/70cm)	2.15dBi(430MHz)	100W(Total)	0.40m	160g	MP	1/4λ(144MHz), 1/2λ radialless(430MHz)
SG-M505	144/430MHz (2m/70cm)	2.15dBi(144MHz), 3.8dB(430MHz)	100W(Total)	0.53m	137g	MP	1/4λ(144MHz), 6/8λ C-Load radialless(430MHz)
SG-M506R	144/430MHz (2m/70cm)	2.15dBi(144MHz), 4.8dBi(430MHz)	60W(Total)	0.63m	165g	MP	1/2λ radialless(144MHz), 2x5/8λ radialless(430MHz)
SG-M507	144/430MHz (2m/70cm)	2.15dBi(144MHz), 5.2dBi(430MHz)	70W	0.73m	155g	MP	1/2λ radialless(144MHz), 2x5/8λ radialless(430MHz)
SG-M510	144/430MHz (2m/70cm)	2.15dBi(144MHz), 5.5dBi(430MHz)	100W(Total)	0.96m	130g	MP	1/2λ radialless(144MHz), 2x5/8λ radialless(430MHz)
SG-M911	50/144/430MHz (6m/2m/70cm)	3.0dBi(144MHz), 5.8dBi(430MHz)	60W	1.10m	160g	MP	1/4λ(51 to 52MHz FM), 1/2λ C-Load radialless(144MHz), 2x5/8λ C-Load radialless(430MHz)

* Impedance : 50Ω, VSWR : Less than 1.5

HF/V/UHF
Mobile
Whip
Antenna

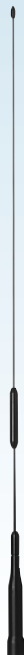
SLIM GAINER



AZ504FX



AZ506FXH



AZ506FX



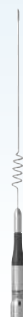
AZ507FXH



AZ507FX



AZ510FX



AZ503



AZ504



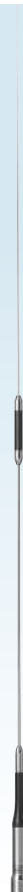
AZ505
AZ505N



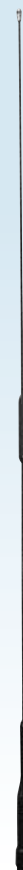
AZ506



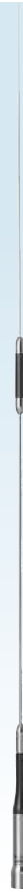
AZ507R



AZ510
AZ510N



AZ510FMH



AZ910

Amateur radio antennas

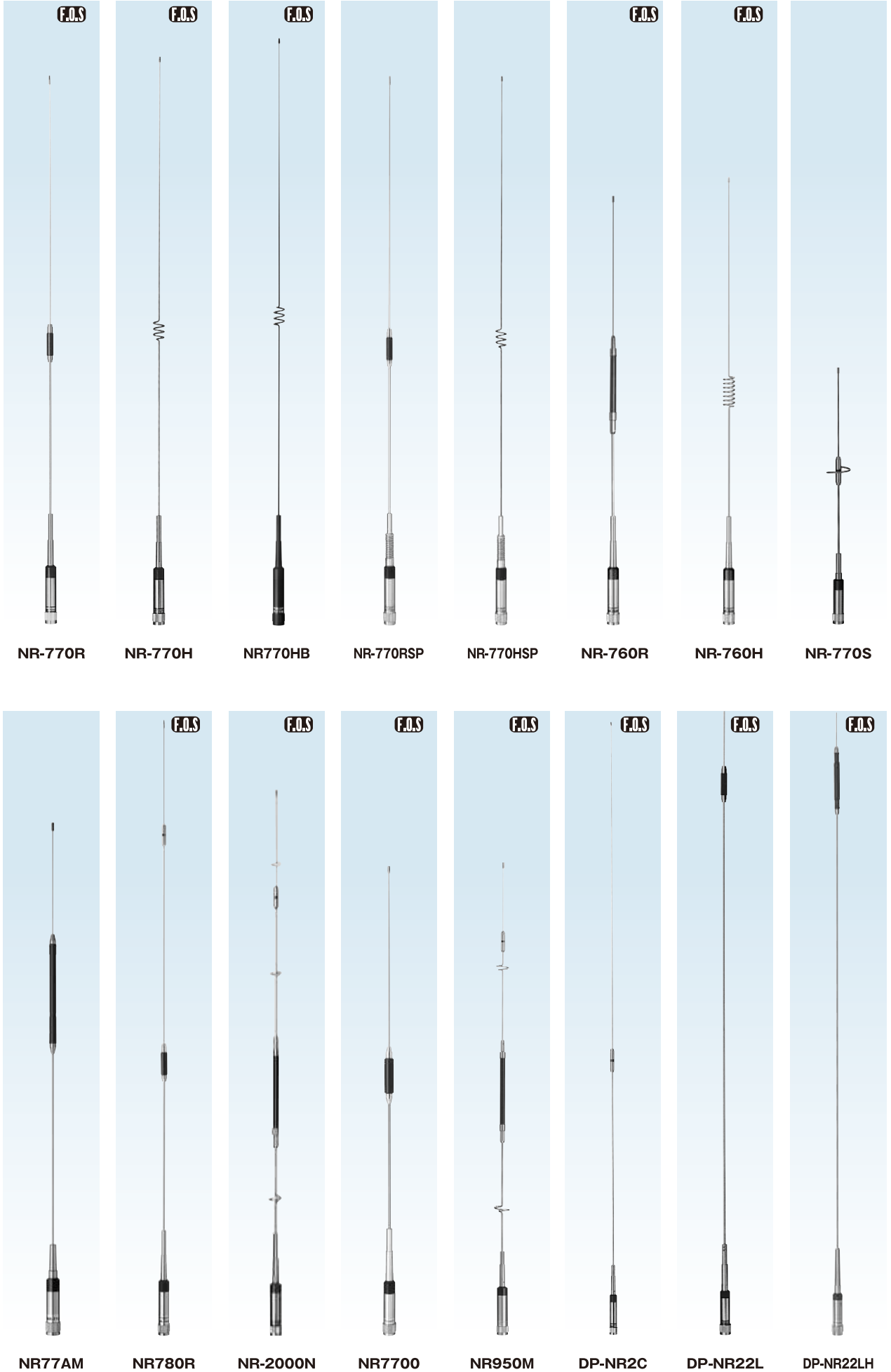


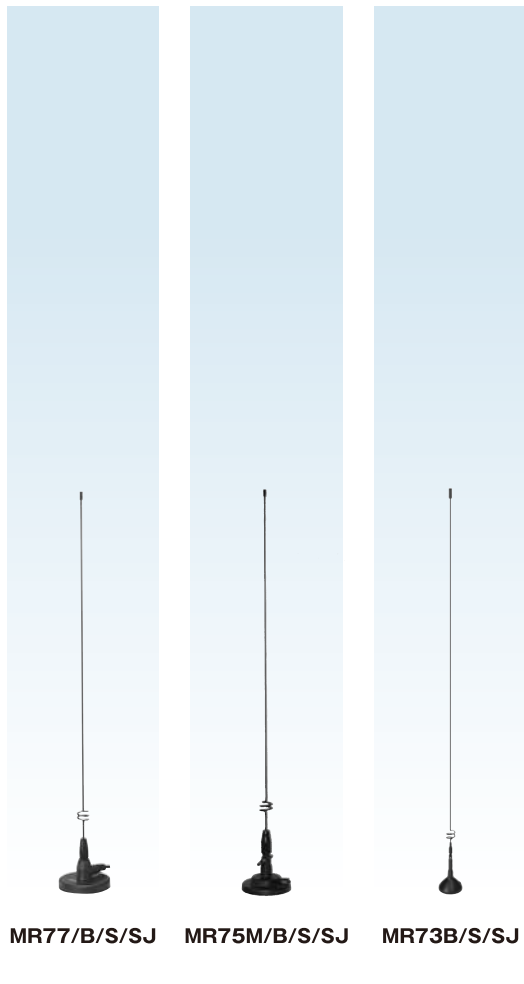
Model	Frequency	Gain	Max. power rating	Length	Weight	Connector	Type
SLIM GAINER HF/V/UHF Mobile Whip Antenna							
AZ504FX	144/430MHz(2m/70cm)	2.15dBi(430MHz)	50W FM (Total)	0.39m	70g	MP	1/4λ(144MHz),1/2λ radialless(430MHz)
AZ506FXH	144/430MHz(2m/70cm)	2.15dBi(144MHz),4.5dBi(430MHz)	50W FM (Total)	0.66m	80g	MP	3/8λ (144MHz), 3/4λ (430MHz)
AZ506FX	144/430MHz(2m/70cm)	2.15dBi(144MHz),4.5dBi(430MHz)	50W FM (Total)	0.67m	85g	MP	3/8λ(144MHz), 3/4λ(430MHz) Nickel titanium/FRP outershell
AZ507FXH	144/430MHz(2m/70cm)	2.15dBi(144MHz),4.9dBi(430MHz)	50W FM (Total)	0.75m	120g	MP	1/2λradialless (144MHz), 2 x 5/8λradialless (430MHz)
AZ507FX	144/430MHz(2m/70cm)	2.15dBi(144MHz),4.9dBi(430MHz)	50W FM (Total)	0.75m	120g	MP	1/2λ radialless(144MHz), 2x5/8λ radialless(430MHz)
AZ510FX	144/430MHz(2m/70cm)	2.15dBi(144MHz),5.5dBi(430MHz)	50W FM (Total)	0.92m	100g	MP	1/2λ radialless(144MHz), 2x5/8λ radialless(430MHz) / Nickel titanium/FRP outershell
AZ503	144/430MHz(2m/70cm)	1.69dBi(430MHz)	50W FM (Total)	0.34m	65g	MP	1/4λ(144MHz), 3/8λ(430MHz)
AZ504	144/430MHz(2m/70cm)	2.15dBi(430MHz)	50W FM (Total)	0.39m	70g	MP	1/4λ(144MHz), 1/2λ radialless(430MHz)
AZ505/N	144/430MHz(2m/70cm)	3.8dBi(430MHz)	50W FM (Total)	0.47m	75g	MP/NP	1/4λ(144MHz), 6/8λ C-Load radialless(430MHz)
AZ506	144/430MHz(2m/70cm)	2.5dBi(144MHz),4.5dBi(430MHz)	50W FM (Total)	0.67m	100g	MP	3/8λ(144MHz), 3/4λ(430MHz)
AZ507R	144/430MHz(2m/70cm)	2.15dBi(144MHz), 4.9dBi(430MHz)	50W FM (Total)	0.75m	120g	MP	1/2λ radialless(144MHz), 2 x 5/8λ radialless(430MHz)
AZ510/N	144/430MHz(2m/70cm)	2.15dBi(144MHz), 5.5dBi(430MHz)	50W FM (Total)	0.95m	120g	MP/NP	1/2λ radialless(144MHz), 2x5/8λ radialless(430MHz)
AZ510FMH	144/430MHz(2m/70cm)	2.15dBi(144MHz),5.5dBi(430MHz)	50W FM (Total)	0.91m	105g	MP	1/2λ radialless(144MHz),2x5/8λ radialless(430MHz)
AZ910	50/144/430MHz (6m/2m/70cm)	2.15dBi (144MHz), 5.5dBi (430MHz)	50W FM (Total)	0.95m	120g	MP	1/4λ(51-52MHz), 1/2λradialless (144MHz), 2x5/8λradialless(430MHz),
AZ805M/N	144/430/1200MHz(2m/70cm/23cm)	3.8dBi (430MHz), 7.2dBi (1200MHz)	50W FM (Total)	0.57m	84g	MP/NP	1/4λ(144MHz), C-Load radialless(430MHz), 3x5/8λradialless (1200MHz)
RHM Series							
RHM8B	7-50MHz	—	120W (SSB)	0.5-1.78m	285g	BNC-P	1/4 wave reduced (HF band), 1/4 wave(50MHz)
RHM10	7-430MHz	—	130W (SSB)	0.5-1.77m	300g	MP	1/4 wave reduced (HF band), 1/4 wave(50/144MHz),5/8 wave (144/430MHz) 144MHz can be operated at both 1/4 wave and 5/8 wave by the length of the rod element.
RHM7350	7-30/50MHz	—	130W(SSB),40W(FM/CW)	1.34-2.6m	290g	MP	1/4λreduced type (HF), 1/4λ(50MHz)
Z Series							
Z07M	144/430MHz(2m/70cm)	2.15dBi(144MHz), 4.9dBi (430MHz)	60W FM (Total)	70cm	290g	MP	1/2λ radialless (144MHz), 2 x 5/8 λradialless (430MHz)
Z10M	144/430MHz(2m/70cm)	2.15dBi(144MHz), 5.5dBi (430MHz)	60W FM (Total)	86cm	270g	MP	1/2λ radialless (144MHz), 2 x 5/8 λradialless (430MHz)

*Impedance:50Ω, VSWR:Less than 1.5

V/UHF
Mobile
Whip
Antenna

NR





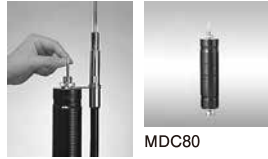
Model	Frequency	Gain	Max. power rating	Length	Weight	Connector	Type
NR V/UHF Mobile Whip Antenna							
NR-770R	144/430MHz(2m/70cm)	2.15dBi(144MHz), 5.5dBi(430MHz)	200W(Total)	0.98m	210g	MP	1/2λ radialless(144MHz), 2x5/8λ radialless(430MHz)
NR-770H	144/430MHz(2m/70cm)	2.15dBi(144MHz), 5.5dBi(430MHz)	200W(Total)	1.02m	250g	MP	1/2λ radialless(144MHz), 2x5/8λ radialless(430MHz)
NR770HB	144/430MHz(2m/70cm)	2.15dBi(144MHz), 5.5dBi(430MHz)	200W FM (Total)	1.02m	250g	MP	1/2 λradialless (144MHz),2x5/8 λ radialless(430MHz)
NR-770RSP	144/430MHz(2m/70cm)	2.15dBi(144MHz), 5.5dBi(430MHz)	200W(Total)	0.97m	240g	MP	1/2λ radialless(144MHz), 2x5/8λ radialless(430MHz)
NR-770HSP	144/430MHz(2m/70cm)	2.15dBi(144MHz), 5.5dBi(430MHz)	200W(Total)	1.00m	230g	MP	1/2λ radialless(144MHz), 2x5/8λ radialless(430MHz)
NR760R	144/430MHz(2m/70cm)	2.15dBi(144MHz), 5.2dBi(430MHz)	100W(144MHz),60W(430MHz)	0.77m	220g	MP	1/2λ radialless(144MHz), 2x5/8λ radialless(430MHz)
NR-760H	144/430MHz(2m/70cm)	2.15dBi(144MHz),5.2dBi(430MHz)	150W(Total)	0.80m	200g	MP	1/2λ radialless(144MHz), 2x5/8λ radialless(430MHz)
NR-770S	144/430MHz(2m/70cm)	2.15dBi(144/430MHz)	100W(Total)	0.43m	150g	MP	1/4λ(144MHz), 1/2λ radialless(430MHz)
NR77AM	144/430MHz(2m/70cm)	2.15dBi(430MHz)	100W	0.67m	140g	MP	1/4 λ (144MHz), 1/2 λ radialless (430MHz)
NR780R	144/430MHz(2m/70cm)	3.4dBi(144MHz), 6.0dBi(430MHz)	150W	1.1m	240g	MP	1/2 λC-Load radialless (144MHz), 2x5/8 λ C-Load radialless (430MHz)
NR2000N	144/430/1200MHz (2m/70cm/23cm)	3.15dBi(144MHz),6.3dBi(430MHz), 9.7dBi(1200MHz)	100W(144/430MHz), 50W(1200MHz),100W(Total)	0.99m	300g	NP	C-Load radialless(144MHz)2x5/8λ C-Load radialless(430MHz) 5x5/8λ C-Load radialless(1200MHz)
NR7700	144/430MHz(2m/70cm) (300MHz receiving only)	3.0dBi(144MHz), 5.5dBi(430MHz)	250W(144MHz),200W(430MHz)	1.00m	430g	MP	1/2λ radialless(144MHz), 2x5/8λ radialless(430MHz)
NR950M	144/430/900MHz(2m/70cm/33cm) 150/300/450/800MHz receiving only	3.15dBi(144MHz), 6.3dBi(430MHz), 8.7dBi(900MHz)	200W(144MHz), 120W(430MHz), 50W(900MHz)	0.99m	260g	MP	1/2 λ C-Load radialless(144MHz), 2x5/8λ C-Load radialless(430MHz), 4x5/8λ C-Load radialless(900MHz)
DP-NR2C	144MHz(2m)	4.1dB	150W	1.41m	200g	MP	6/8 λ C-Load radialless
DP-NR22L	144MHz(2m)	6.5dB	100W	2.46m	500g	MP	2x5/8λ radialless
DP-NR22LH	144MHz(2m)	6.5dB	280W	2.46m	520g	MP	2x5/8λ radialless
V/UHF Magnet Antenna							
MR77/B/S/SJ	144/430MHz(2m/70cm)	3.4dBi (430MHz)	70W	0.5m	400g	MP/BNC-P/ SMA-P/SMA-J	1/4λ(144MHz),5/8λ(430MHz)/with RG58/U 4m
MR75M/B/S/SJ	144/430MHz(2m/70cm)	3.4dBi (430MHz)	35W	0.5m	130g	MP/BNC-P/ SMA-P/SMA-J	1/4λ(144MHz),5/8λ(430MHz)/with LMR100 3m
MR73B/S/SJ	144/430MHz(2m/70cm)	3.4dBi (430MHz)	10W	0.5m	80g	BNC-P/SMA-P/SMA-J	1/4λ(144MHz),5/8λ(430MHz)/with RG-174/U 3m
V/UHF Magnet Antenna							
MF750	144/430MHz(2m/70cm)	3.0dBi(144MHz), 6.0dBi (430MHz)	60W FM (Total)	1.18m	185g	MP	1/2λ radialless (144MHz), 2 x 5/8 λradialless (430MHz)

*Impedance:50Ω, VSWR:Less than 1.5

HF Mobile Whip Antenna



MD200



MDC80

MDC80 (3.5MHz/80m)
MD200(antenna body)
 ※Max.power rating:120W(SSB)



(From left)
 MDC40HX,
 MDC15HX,
 MDC20HX,
 MDC10HX

MDC40HX (7MHz/40m)
 ※ Max power rating 200W (SSB)
MDC20HX (14MHz/20m)
 ※ Max power rating 300W (SSB)
MDC15HX (21MHz/15m)
 ※ Max power rating 300W (SSB)
MDC10HX (28MHz/10m)
 ※ Max power rating
 300W (SSB) 100W (29MHz)



MDC730HX (7to30MHz)
 ※Max power rating
 200W(SSB), 70W(FM,CW)

MD200
 Length:2.00m
 Weight:640g
 Connector:MP

The replacement coil has to be used with MD200. It cannot be used by itself.

HF Mobile Screwdriver Antenna



SDC1

Frequency: 3.5/7/10/14/18/21/24/28(29)/50MHz
 Band
 Operation time:
 ●3.5MHz→HOM→3.5MHz approx. 160 sec.
 ●7MHz→HOM→7MHz approx. 50 sec.
 ●14MHz→HOM→14MHz approx. 20 sec.
 ※HOM -Operation standard position (Lowest position of the coil)
 Power supply voltage & current: DC12V (9-14.5V) 200mA
 Dimensions: 85(W)x 120(D)x 32(H)mm
 Weight: 380g



OPE750

Frequency:7-50MHz
 Element length:770mm

SD330

Frequency: 3.5-30MHz
 Max. power rating: 200W (SSB)
 Impedance: 50Ω
 VSWR: Less than 2.0
 Connector: MP
 Length: 1.85m Weight: 1.1kg
 Type: 1/4 λ center loading
 Power supply voltage & current: DC12V / 100mA
 Up-down time:
 approx. 50 seconds (3.5 to 30MHz)
 approx. 20 seconds (7 to 30MHz)

Magnet Antenna Grounding Sheet

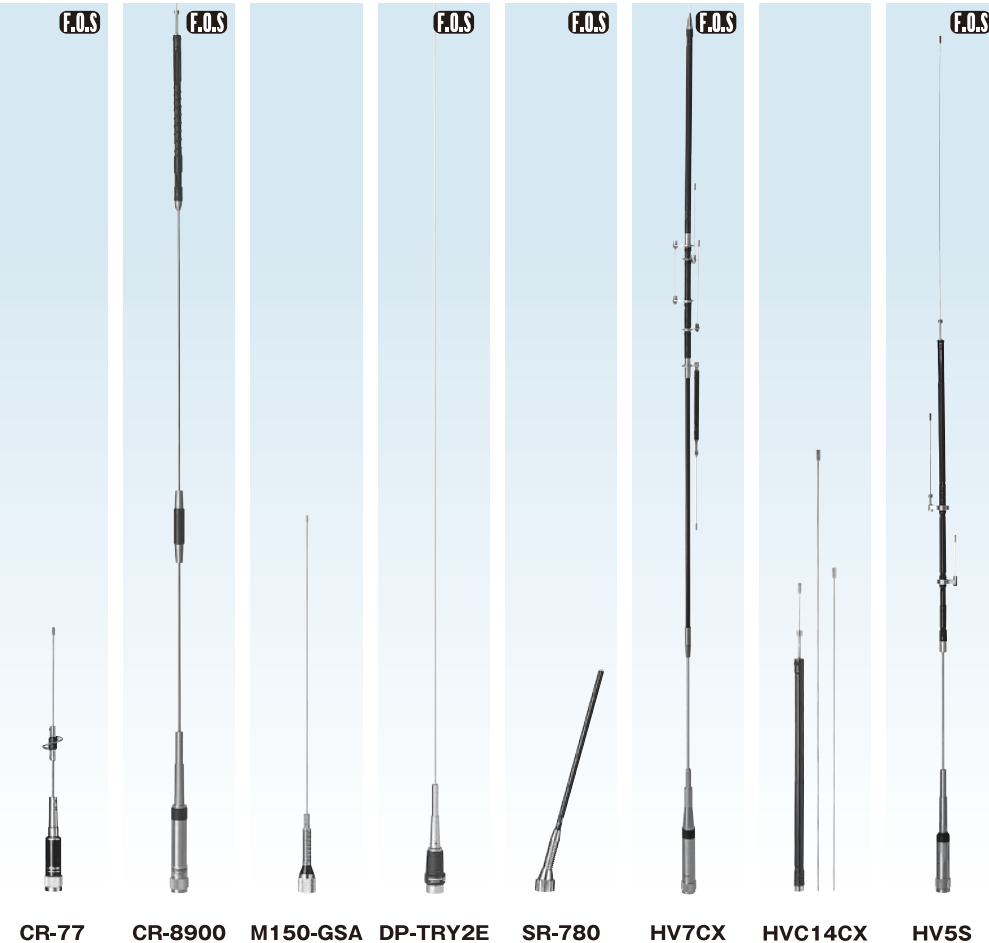


MAT 50

MAGNET ANTENNA GROUNDING SHEET

Frequency:7-50MHz
 (3.5MHz BY USING TWO SHEETS)
 Max power rating:
 500W(SSB)
 200W(FM/CM)
 Ambient temperature:
 -20C to +90C
 Adhesive performance:
 110km/h (with no wind)
 Dimensions:
 80mm x 195mm
 (sheet size)
 Cable length:
 approx. 30cm
 Weight:55g
 Accessory:
 16mm lug,
 heat shrink tubing

HF/V/UHF Mobile Whip Antenna



CR-77

CR-8900

M150-GSA

DP-TRY2E

SR-780

HV7CX

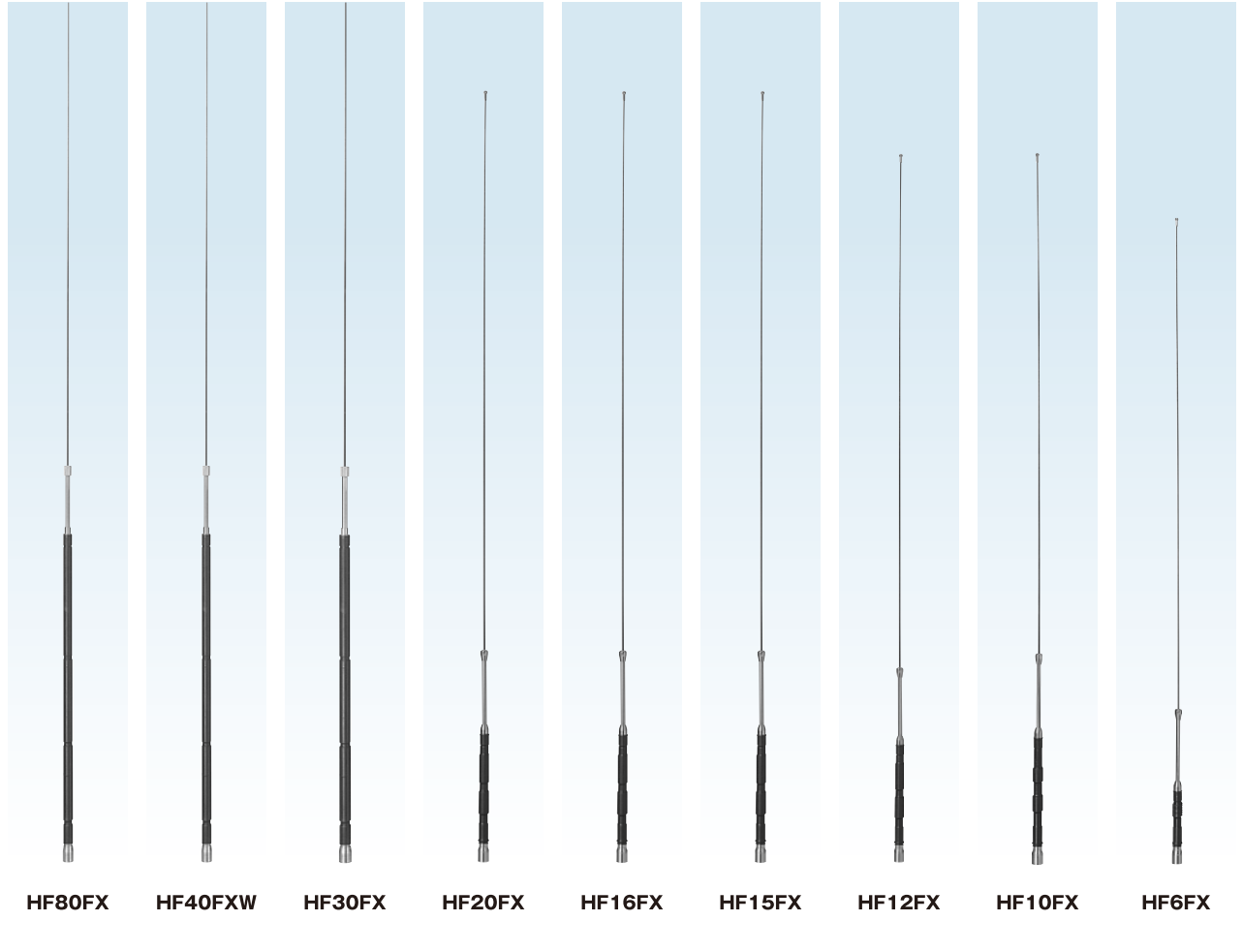
HVC14CX

HV5S

Amateur radio antennas



**HF/VHF
Mobile
Whip
Antenna**



HF80FX

HF40FXW

HF30FX

HF20FX

HF16FX

HF15FX

HF12FX

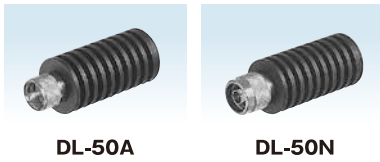
HF10FX

HF6FX

Model	Frequency	Gain	Max. power rating	Length	Weight	Connector	Type
HF & V/UHF Mobile Whip Antenna							
CR-77	144/430MHz(2m/70cm)	2.15dBi(144/430MHz)	100W(Total)	0.29m	90g	MP	1/4λ(144MHz), 1/2λ(430MHz)
CR-8900	29(FM)/50(FM)/144/430MHz (10m/6m/2m/70cm)	2.15dBi(144MHz), 5.5dBi(430MHz)	60W/FM(Total)	1.26m	490g	MP	1/4λ(29/50MHz), 1/2λ radialless(144MHz), 2 x 5/8λ(430MHz)
M150-GSA	144MHz(2m)	—	200W	0.51m	110g	MP	1/4λ
DP-TRY2E	144MHz(2m)	3.4dB	200W	1.32m	200g	MP	5/8λ, 1/4λ(50MHz)
SR-780	144/430MHz(2m/70cm)	2.15dBi(144MHz), 3.4dB(430MHz)	50W	0.44m	330g	MP	1/4λ(144MHz), 5/8λ(430MHz) for trunk lid base use
HV7CX	★1	2.15dBi(144MHz), 5.5dBi(430MHz)	120W SSB(7~28MHz), 200W SSB(50~430MHz)	1.9m	660g(with 7MHz loading coil)	MP	1/4λ(7~50MHz), 1/2λ(144MHz), 2x5/8λ(430MHz)
HVC14CX	10/14MHz(30m/20m)	—	120W (SSB)	—	—	—	Optional element for HV7CX
HV5S	7/21/50/144/430MHz (40m/15m/6m/2m/70cm)	3.2dBi (430MHz)	120W SSB(7/21/50MHz), 200W SSB(144/430MHz)	1.42m	470g	MP	1/4λ(7/21/50/144MHz), 5/8λ(430MHz)
HF/VHF Mobile Whip Antenna							
HF80FX	3.5MHz(80m)	—	120W(SSB)	1.4m	220g	MP	1/4λ base loading
HF40FXW	7MHz(40m)	—	200W(SSB)	1.4m	270g	MP	1/4λ base loading
HF30FX	10MHz(30m)	—	220W(PEP)	1.4m	240g	MP	1/4λ base loading
HF20FX	14MHz(20m)	—	220W(SSB)	1.2m	210g	MP	1/4λ base loading
HF16FX	18MHz(16m)	—	220W(SSB)	1.2m	190g	MP	1/4λ base loading
HF15FX	21MHz(15m)	—	220W(SSB)	1.2m	160g	MP	1/4λ base loading
HF12FX	24MHz(13m)	—	220W(SSB)	1.1m	150g	MP	1/4λ base loading
HF10FX	28MHz(10m)	—	250W(SSB)	1.1m	180g	MP	1/4λ base loading
HF6FX	50MHz(6m)	—	250W(SSB)	1.0m	130g	MP	1/4λ base loading

★1 = 7/(10/14)/21/(18/24)/28/50/144/430MHz(40m/(30m/20m)/15m/(17m/13m)/10m/6m/2m/70cm) 10/14MHz(30m/20m) and 18/24MHz(17m/13m) are with optional loading coils
 * Impedance : 50Ω, VSWR : Less than 1.5

Dummy Load Surge Protector Coaxial Switch



DL-50A

DL-50N

Model	Frequency range	Power rating	Impedance	VSWR	Input Connector	Dimensions
Dummy Load						
DL-50A	DC to 1000MHz	20W (5min. ON, 5min. OFF AVG), 50W (1min. ON, 1min. OFF AVG), 100W (30sec. ON, 3min. OFF AVG)	50Ω	Less than 1.15 (DC to 800MHz), Less than 1.2 (800 to 1000MHz)	MP	30mmxL75mm
DL-50N	DC to 1500MHz	15W (continuous), 20W (5min. ON, 5min. OFF AVG), 50W (1min. ON, 3min. OFF AVG), 100W (30sec. ON, 3min. OFF AVG)	50Ω	Less than 1.15 (DC to 1000MHz), Less than 1.2 (1000 to 1300MHz), Less than 1.3 (1300MHz to 1500MHz)	NP	30mmxL75mm



SP1000

SP3000

SP3000P

SP1000PW

SP3000W

CX-210A

CX-310A

Model	Frequency range	Impedance	Connector	VSWR	Insertion loss	Isolation (output terminated)	Max. power rating	Dimensions (WxHxD)mm	Weight
Surge Protector									
SP1000	DC-1000MHz	50Ω	MJ-MJ	Less than 1.2	Less than 0.3db	—	400W (PEP)	66Wx41Hx20D	80g
SP3000	DC-3000MHz	50Ω	NJ-NJ	Less than 1.2	Less than 0.3db	—	200W (PEP)	78Wx41Hx20D	110g
SP3000P	DC-3000MHz	50Ω	NJ-NP	Less than 1.2	Less than 0.3db	—	400W (PEP)	77Wx41Hx21D	110g
SP1000PW	DC-1000MHz	50Ω	MJ-MP	Less than 1.2	Less than 0.3db	—	400W (PEP)	78Wx55Hx26D	130g
SP3000W	DC-3000MHz	50Ω	NJ-NJ	Less than 1.2	Less than 0.3db	—	200W (PEP)	78Wx55Hx26D	140g
Coaxial Switch									
CX210A	DC to 1000MHz	50Ω	MJ	Less than 1.05:1(DC to 500MHz), Less than 1.1:1(500 to 1000MHz)	Less than 0.05dB(DC to 500MHz), Less than 0.1dB(500 to 1000MHz)	More than 70dB(DC to 200MHz), More than 60dB(200 to 1000MHz)	1.5KW	71Wx57Hx42Dmm	440g
CX210N	DC to 3000MHz	50Ω	NJ	Less than 1.05:1(DC to 500MHz), Less than 1.1:1(500 to 1000MHz), Less than 1.15:1(1000 to 2000MHz), Less than 1.2:1(2000 to 3000MHz)	Less than 0.05dB(DC to 500MHz), Less than 0.1dB(500 to 1000MHz), Less than 0.15dB(1000 to 2000MHz), Less than 0.2dB(2000 to 3000MHz)	More than 70dB(DC to 200MHz), More than 60dB(200 to 1000MHz), More than 55dB (1000 to 2000MHz), More than 50dB(2000 to 3000MHz)	1.5KW	71Wx57Hx42Dmm	440g
CX310A	DC to 800MHz	50Ω	MJ	Less than 1.1:1(DC to 500MHz), Less than 1.2:1(500 to 1000MHz)	Less than 0.1dB(DC to 500MHz), Less than 0.15dB(500 to 1000MHz)	More than 60dB(DC to 500MHz), More than 50dB(500 to 800MHz)	1.5KW(DC to 30MHz), 1KW(30 to 150MHz), 500W(150 to 800MHz)	84Wx95Hmm	575g
CX310N	DC to 1500MHz	50Ω	NJ	Less than 1.1:1(DC to 500MHz), Less than 1.2:1(500 to 1500MHz)	Less than 0.1dB(DC to 500MHz), Less than 0.2dB(500 to 1500MHz)	More than 60dB(DC to 500MHz), More than 50dB(500 to 1500MHz)	1.5KW(DC to 30MHz), 1KW(30 to 150MHz), 500W(150 to 500MHz), 250W(500 to 1000MHz), 150W(1000 to 1500MHz)	84Wx95Hmm	575g

Duplexer & Triplexer



MX-72H

MX-610

MX-62M/N

MX-3000

MX-2000

Model	Passband width	Power rating	Insertion loss (in amateur bands)	Isolation (in amateur bands)	Impedance	VSWR	Connectors	Coaxial Cable	Dimensions (WxHxD)mm	Weight
Duplexer										
MX72A	LPF: 1.6 to 30MHz 140 to 150MHz HPF: 400 to 460MHz	1.6 to 30MHz: 400W(CW)/1kW(PEP) 140 to 150MHz: 150W(CW)/400W(PEP)	LPF: Less than 0.15dB HPF: Less than 0.25dB	More than 60dB	50Ω	Less than 1.2	(MIX)NJ,(144)MP (430)NP	5D-2VS (35cm)	46Wx27Hx57Dmm	220g
MX-72N	LPF: 1.6 to 225MHz HPF: 340 to 1000MHz (receiving only)	400 to 460MHz: 100W(CW)/250W(PEP)	LPF: Less than 0.15dB HPF: Less than 0.25dB	More than 60dB		Less than 1.2:1	(MIX)MJ,(144)MP (430)NP	5D-2VS (35cm)	46Wx25Hx57Dmm	220g
MX-72H							(MIX)MJ,(144)MP (430)MP	—	46Wx27Hx57Dmm	180g
MX-72D			LPF: Less than 0.1dB HPF: Less than 0.2dB							
MX-610	LPF: 1.3 to 30MHz HPF: 49 to 470MHz (76 to 120MHz receiving only)	1.3 to 30MHz:600W(PEP) 49 to 250MHz:600W(PEP) 300 to 470MHz:500W(PEP)	LPF: Less than 0.2dB (1.3 to 30MHz), HPF: Less than 0.25dB(49 to 470MHz)	More than 45dB		Less than 1.2:1	(MIX)MJ (1.3 to 30MHz) MP (49 to 470MHz) MP	5D-2V (35cm)	86Wx25Hx64Dmm	360g
MX-62M/N	LPF: 1.6 to 56MHz HPF: 76 to 470MHz (76 to 120MHz receiving only)	600W(PEP)	LPF:Less than 0.2dB/ 140 to 470MHz:Less than 0.3dB	More than 50dB	Less than 1.2:1	(MIX)MJ/NJ (1.6 to 56MHz)MP (76 to 470MHz)MP			360g	
Triplexer										
MX-3300MN					50Ω	Less than 1.2:1	(MIX)MJ,(144)MP (430)MP,(1200)NP	5D-2VS (35cm)	86Wx25Hx64Dmm	385g
MX-3000	LPF: 1.6 to 160MHz BPF: 350 to 500MHz HPF: 850 to 1300MHz	LPF: 800W(PEP) BPF: 500W(PEP) HPF: 200W(PEP)	LPF: Less than 0.2dB BPF: Less than 0.3dB HPF: Less than 0.4dB	More than 55dB			(MIX)NJ,(144)MP (430)MP,(1200)NP			
MX-3000N							(MIX)NJ,(144)MP (430)NP,(1200)NP			
MX-2000	LPF: 1.6 to 60MHz BPF: 110 to 170MHz HPF: 300 to 950MHz	LPF: 800W(PEP) BPF: 800W(PEP) HPF: 500W(PEP)	LPF: Less than 0.15dB BPF: Less than 0.2dB HPF: Less than 0.25dB	More than 60dB			(MIX)MJ,(50)MP (144)MP,(430)MP			
MX-2000N							(MIX)MJ,(50)MP (144)MP,(430)NP			

Bracket and Magnetic Base

Trunk Lid Mount Antenna Bracket

K600M

Tilt angle adjustable
0 to 9 degrees
Coaxial cable: 1.5D-Q-
SUPER/5DQ-II
Connector: MJ-MP



KTRI II

Tilt angle adjustable 0 to 9 degrees



TE - 5M

Tilt angle
adjustable 0 to 9 degrees
Coaxial cable: 1.5D-Q-SUPER/5DQ-II
Connector: MJ-MP



Gutter Mount Antenna Bracket

K300

Tilt angle adjustable
SUPER GAINER



K11

(Heavy duty type Tilt angle
adjustable mount only)



K311

2-axis adjustable
(Tilt angle adjustable
mount only)

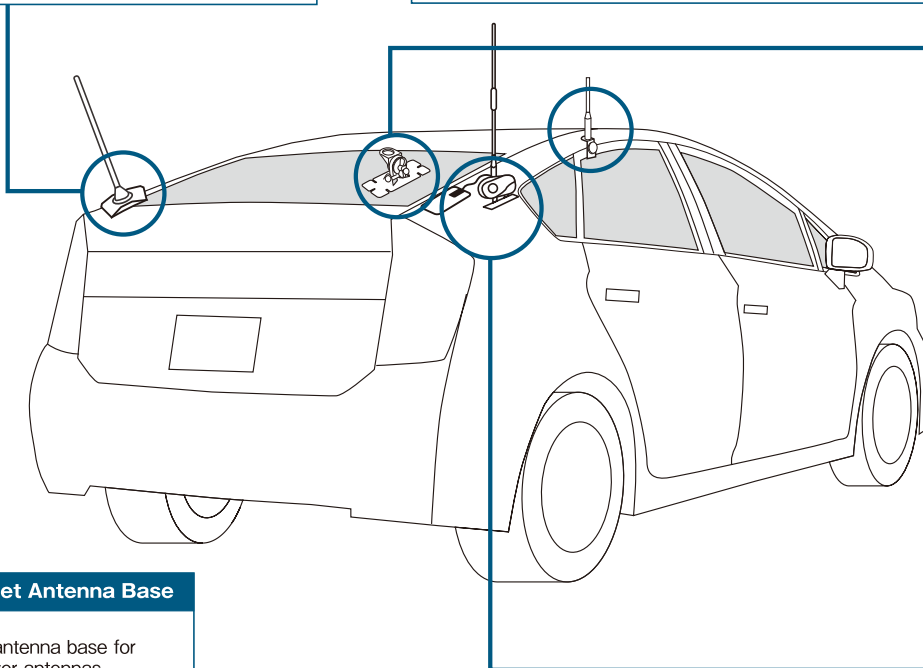


K301

2-axis adjustable
Compact heavy
duty type
(Tilt angle adjustable
mount only)



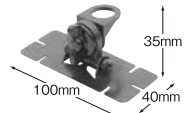
BL (mount only)
Stainless steel



Adhesive Backed Mount

HRK

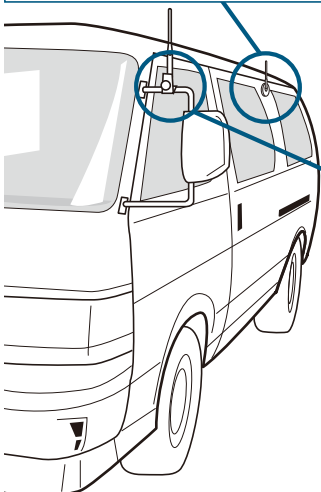
This bracket can accept only
those antennas with less than
1m in length and less than
200g in weight such as
SGM506R, SGM507, AZ510FX,
AZ507R.



Compact Magnet Antenna Base

MCR-M

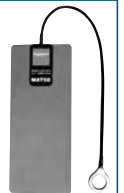
Compact magnet antenna base for
handheld transceiver antennas
Coaxial cable: NL-1.5D-Q SUPER 2.5m
Impedance: 50Ω / Connector: BNCJ-BNCP
Magnet diameter: 53mm



Magnet Antenna Grounding Sheet

MAT 50

* For details,
please refer to P12

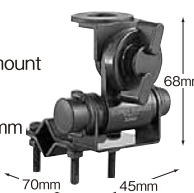


Rooftop Carrier / Mirror Stay Mount Antenna Bracket

SUPER GAINER

K540

Tilt angle adjustable/mount
bracket only
Mast diameter
accepted: 15mm to 25mm



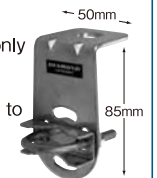
K44L

Rooftop carrier/ Mirror stay mount
antenna bracket
Heavy duty type
Tilt angle adjustable/
mount bracket only
Mast accepted: 15-40mm



CRM

Mount bracket only
Stainless steel
Mast diameter
accepted: 10mm to
27mm



DPK-CR

Mount bracket only
For roof carrier, mirror
stay, stainless steel
Mast diameter
accepted: 8mm to
32mm



CRB

Mount bracket
only/black type
For roof carrier,
mirror stay
Mast diameter
accepted: 8mm to
32mm



CLB

Mount bracket only
Heavy duty type/stainless
steel
Mast diameter
accepted: 10mm to 52mm



Bracket and Magnetic Base

Magnet Base(with Cable)

K702M

With suction cup
Coaxial cable:RG58A/U 4m
Connector:MJ-MP Diameter:160mm



K701M

Coaxial cable: 1.5D-Q-SUPER/5DQ-II
Connector: MJ-MP Diameter: 160mm



Compact size types with suction cup

K707M

Coaxial cable:2.5DQ-S 4m
Connector:MJ-MP



K707B

Coaxial cable:2.5DQ-S 4m
Connector:MJ-BNCP



K707S

Coaxial cable:2.5DQ-S 4m
Connector:MJ-SMAP



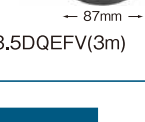
MR5A

Coaxial cable: RG-58 C/U 5m
Connector: MJ-MP



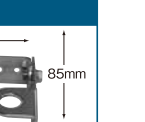
MR2A

Coaxial cable:1.5D-Q SUPER(1m)
3.5DQEFV(3m) /Connector:MJ-MP



MR2B

Coaxial cable:1.5D-Q SUPER(1m)3.5DQEFV(3m)
Connector:MJ-BNCP



Strong magnet types

DPK-4NM-N

Coaxial cable:3.5DQEFV 4m
Connector:NJ-NP
Diameter:111mm



DPK-4NM-M

Coaxial cable:3.5DQEFV 4m
Connector:MJ-NP / Diameter:111mm



Super magnet type

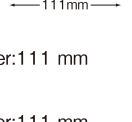
SPM-35

Coaxial cable:3.5DQEFV 4m
Connector:MJ-MP / Diameter:111mm



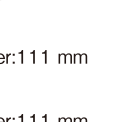
SPM355

Coaxial Cable:3.5DQEFV 5m
Connector:MJ - MP Diameter:111 mm



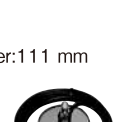
SPM356

Coaxial Cable:3.5DQEFV 6m
Connector:MJ - MP Diameter:111 mm



SPM357

Coaxial Cable:3.5DQEFV 7m
Connector:MJ - MP Diameter:111 mm



DP-MRX

Magnet base bracket for handheld transceivers
Coaxial cable:RG58A/U3m
Connector:BNC,J-BNCP
Magnet diameter:76.5mm

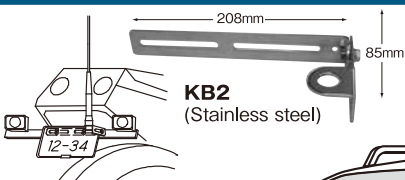


DP-SPM

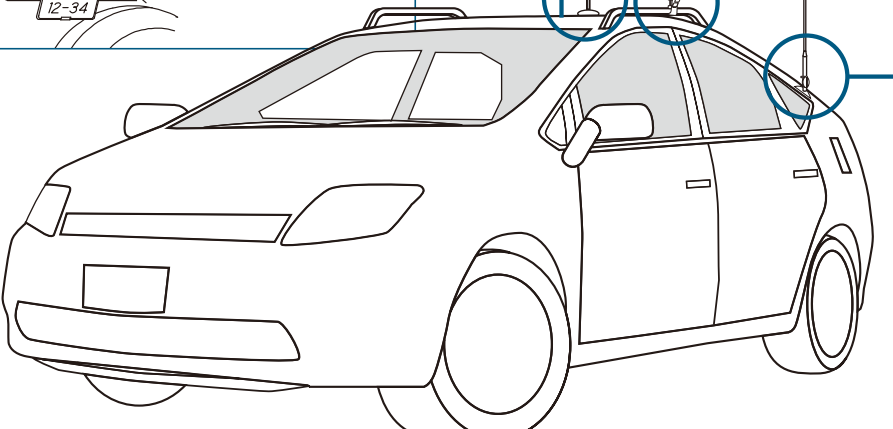
Coaxial cable:RG58A/U 4m
Connector:MJ-MP



Bracket for Motor Bike



KB2
(Stainless steel)



Roofrail Mount Antenna Bracket

SUPER GAINER

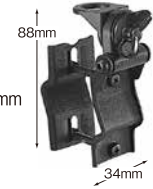
K550

Tilt angle adjustable mount bracket only
Mast diameter accepted:15mm to 25mm



K550L

Rooftop railing height accepted:
Less than 28mm
Width accepted: Less than 75mm
*It cannot be used with the round pipe.



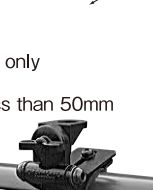
K501

Compact size/heavy duty type
Tilt angle adjustable/mount bracket only
2-axis adjustable
(1)Mast diameter accepted:15mm to 34mm
(2)Rooftop railing Height accepted:Less than 32mm Width accepted:Less than 50mm
(3)Square mast side length accepted:15mm to 26mm



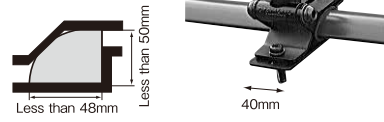
K512

Tilt angle adjustable/mount bracket only
3-axis adjustable
(1)Mast diameter accepted:15mm to 34mm
(2)Rooftop railing Height accepted:Less than 32mm Width accepted:Less than 50mm
(3)Square mast side length accepted:15mm to 26mm



K515

Tilt angle adjustable/mount bracket only
2-axis adjustable
Rooftop railing Height accepted:Less than 50mm
Width accepted:Less than 48mm



Strong Magnet Antenna Base

MRK

Without cable assembly
2-axis adjustable



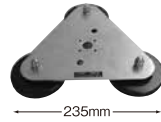
SPB II

Without cable assembly
Recommend cable Without cable assembly
Recommend cable:
2D, RG58, 3D, 3.5D, 5D



K3000

Usable antenna specification
Length: Less than 1.85m
Weight: Less than 1.1kg
Production weight: 1.5kg



Trunk Lid / Hatchback Door Mount Antenna Bracket

K405

2-axis adjustable/mount bracket only
Compact & heavy duty type



K401

2-axis adjustable/mount bracket only
Compact & heavy duty type



K412

3-axis adjustable/mount bracket only



SUPER GAINER

K400

Tilt angle adjustable/mount bracket only



K33

Tilt angle adjustable/mount bracket only Heavy duty type



K415

3-axis adjustable/mount bracket only



K413

3-axis adjustable/mount bracket only



K416

3-axis adjustable/mount bracket only



SUPER GAINER

K402

3-axis adjustable/mount bracket only



● Separation Cable (Antenna Side)

	Model	1.5D-Q · super	Connector
	SLM-050	0.5m	MLJ
	SLM-100	1.0m	MLJ
	SLM-150	1.5m	MLJ
	SLM-200	2.0m	MLJ
	SLM-250	2.5m	MLJ
	SLM-300	3.0m	MLJ
	SLN-100	1.0m	NLJ
	SLN-150	1.5m	NLJ
	SLN-200	2.0m	NLJ

*with Opsealer, Dressing ring, and 2pcs M16 nut

● Separation Cable (Radio Side)

	Model	5DQ-II	Connector
	DQM-150	1.5m	MP
	DQM-200	2.0m	MP
	DQM-250	2.5m	MP
	DQM-300	3.0m	MP
	DQM-350	3.5m	MP
	DQM-400	4.0m	MP
	DQM-450	4.5m	MP
	DQM-500	5.0m	MP
	DQM-550	5.5m	MP
	DQN-200	2.0m	NP
	DQN-300	3.0m	NP
	DQN-400	4.0m	NP

● Mobil Cable Assembly

	Model	1.5D-Q · SUPER+5DQ- II	Connector
	M410R	1.0m+3.0m	MLJ-MP
	M420R	2.0m+2.0m	MLJ-MP
	M510R	1.0m+4.0m	MLJ-MP
	M520R	2.0m+3.0m	MLJ-MP
	M525R	2.5m+2.5m	MLJ-MP
	M610R	1.0m+5.0m	MLJ-MP
	M620R	2.0m+4.0m	MLJ-MP
	M625R	2.5m+3.5m	MLJ-MP

● Coaxial Cable Set for Base Antenna

	Model	Coaxial Cable	Connector
	5D10MB	5D-2V 10m	MP-MP
	5DF10MB	5D-FB 10m	MP-MP
	5D15MB	5D-2V 15m	MP-MP
	5DF15MB	5D-FB 15m	MP-MP
	5D20MB	5D-2V 20m	MP-MP
	5DF20MB	5D-FB 20m	MP-MP
	5D25MB	5D-2V 25m	MP-MP
	5DF25MB	5D-FB 25m	MP-MP
	5D30MB	5D-2V 30m	MP-MP
	5DF30MB	5D-FB 30m	MP-MP

● Mobile Coaxial Cable Assembly

	Model	Coaxial Cable	Connector
	RG3MR	RG58A/U3m	MLJ-MP
	RG4MR	RG58A/U4m	MLJ-MP
	RG5MR	RG58A/U5m	MLJ-MP
	RG6MR	RG58A/U6m	MLJ-MP
	RG7MR	RG58A/U7m	MLJ-MP
		5DQ4MR	5DQ- II 4m
5DQ5MR		5DQ- II 5m	MLJ-MP
5DQ6MR		5DQ- II 6m	MLJ-MP
	5D4MR	5D-2V4m	MLJ-MP
	5D5MR	5D-2V5m	MLJ-MP
	5D6MR	5D-2V6m	MLJ-MP
	5D7MR	5D-2V7m	MLJ-MP
	5DFJ4MR	5D-QEFV4m	MLJ-MP
	5DFJ5MR	5D-QEFV5m	MLJ-MP
	5DFJ6MR	5D-QEFV6m	MLJ-MP
	3D4MR	3.5D-LFV4m	MLJ-MP
	3D5MR	3.5D-LFV5m	MLJ-MP
	3D6MR	3.5D-LFV6m	MLJ-MP
	2D1MR	2D-LFB-S1m	MLJ-MP
	2D2MR	2D-LFB-S2m	MLJ-MP
	2D3MR	2D-LFB-S3m	MLJ-MP
	2D4MR	2D-LFB-S4m	MLJ-MP
	2D5MR	2D-LFB-S5m	MLJ-MP
	2D1BRL	2D-LFB-S1m	MLJ-BNCP
	2D2BR	2D-LFB-S2m	MLJ-BNCP
	2D3BR	2D-LFB-S3m	MLJ-BNCP
	2D4BR	2D-LFB-S4m	MLJ-BNCP
	2D5BR	2D-LFB-S5m	MLJ-BNCP
	2D1SRL	2D-LFB-S1m	MLJ-SMAP
	2D2SR	2D-LFB-S2m	MLJ-SMAP
	2D3SR	2D-LFB-S3m	MLJ-SMAP
	2D4SR	2D-LFB-S4m	MLJ-SMAP
	2D5SR	2D-LFB-S5m	MLJ-SMAP
	ECH	RG58C/V4m	MLJ-MP
	ECH5	RG58C/V5m	MLJ-MP

2D1SS

- Coaxial cable:2D-LFB-S1m
- Connector:SMAP-SMAJ



2D1SB

- Coaxial cable:2D-LFB-S1m
- Connector:SMAP-SMAJ



2D1BS

- Coaxial cable:2D-LFB-S1m
- Connector:BNCP-SMAJ



2D1BR

- Coaxial cable:2D-LFB-S1m
- Connector:MJ-BNCP



M102B

- Coaxial cable:2D-LFB-S1m
- Connector:MP-BNCP



1D05SR

- Coaxial cable:1.5DS-EXL0.5m
- Connector:MJ-SMAP



1D05SR

- Coaxial cable:1.5DS-EXL1m
- Connector:MJ-SMAP



2D1SR

- Coaxial cable:2D-LFB-S1m
- Connector:MJ-SMAP



M102S

- Coaxial cable:2D-LFB-S1m
- Connector:MP-SMAP



5D05M

- 5D2V 0.5m
- Connectors : MP-MP

5D1M

- 5D2V 1m
- Connectors : MP-MP

5D05N

- 5DFB 0.5m
- Connectors : NP-NP

5D3M

- 5D2V 3.0m
- Connectors : MP-MP

5D3MJ

- 5D2V 3.0m
- Connectors : MP-MJ

5D05M

- 5D2V 5.0m
- Connectors : MP-MP

5D5MJ

- 5D2V 5.0m
- Connectors : MP-MJ



Accessories

Rooftop Tower and Antenna Mast Set

YS5

Stay wire: 3mmx40m / Turn buckle: 4 pieces (for 3mm diameter)
Wire clip: 32 pieces / Screw eye bolt: 4 pieces (antenna mast)
Length: 5.0m / Step: 5 Aluminum / Weight: 4.2kg (rooftop tower)
Height: 84.5cm /
Foot span: 74cm / Max. load: 400kg / Weight: 5.47kg

Antenna poles

FP-8 Length: 7.25m 4 stages, aluminum

FP-10A Length: 9.07m 5 stages, aluminum

FP-12 Length: 10.92m 6 stages, aluminum

FP-14 Length: 12.8m 7 stages, aluminum

FP-5 Length: 5.0m 5 stages, aluminum

Base holders

FB-5

Height: 1.15m / Bottom width: 95cm

Max. vertical load: 400kg / Weight: 6.5kg



Mast Bracket



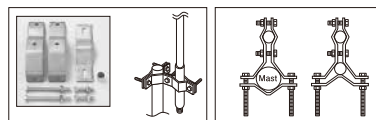
S-1

Zinc diecast

Mast diameter accepted: 30mm to 60mm

Max. antenna load must be less than 2m in total length and less than 1.0kg in total weight.

To install an antenna that is more than 2m in length or 1kg in weight, use two sets of the brackets in parallel.



S-3

Stainless steel

Antenna diameter accepted: 22mm to 40

Mast diameter accepted: 40mm to 100mm

Max. antenna load must be less than 2m in total length and less than 1.0kg in total weight.

To install an antenna that is more than 2m in length or 1kg in weight, use two sets of the brackets in parallel.

Stay Wires for Antenna Pole



FW-316

3mm stay wire 160m, turn buckles 12 pieces, wire clips 96 pieces

FW-312

3mm stay wire 120m, wire clips 36 pieces

Portable Telescopic Antenna Pole

AM450

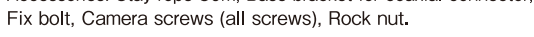
Length: approx. 1.4m (minimum) to approx. 4.5m (maximum)

Weight: Approx. 1.2kg

Pipe diameter: ϕ 22mm (upper) - ϕ 31mm (lower), 4 sections telescopic type

Maximum weight load: approx. 8kg (in perpendicular setting and calm)

Accessories: Stay rope 30m, Base bracket for coaxial connector, Fix bolt, Camera screws (all screws), Rock nut.



AM600

Length: approx. 1.6m (minimum) to approx. 6.0m (maximum)

Weight: Approx. 1.6kg

Pipe diameter: ϕ 22mm (upper) - ϕ 34mm (lower), 5 sections telescopic type

Maximum weight load: approx. 8kg (in perpendicular setting and calm)

Accessories: Stay rope 30m, Base bracket for coaxial connector, Fix bolt, Camera screws (all screws), Rock nut.

AS600

Length: Approx. 93cm (Folding)

Weight: Approx. 2kg

Max. load capacity: Approx. 50kg

(when horizontally setting and no wind)

Max. legs spread width: Approx. 1m

Pole diameter accepted: Pipe ϕ 31 and Pipe ϕ 34



Mast Base for Mobile Tire

TMB

Possible Mount Mast Diameter: ϕ 25-50

Possible Mount Weight: 10kg

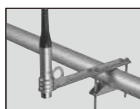
(including the mast weight)

Dimension: 185Wx535Lx420Hmm

Weight: 6.65kg



Balcony Railing Bracket for Installing A Mobile Antenna



BK10

Bracket only

Mast diameter accepted:

25mm to 64mm

Square axis accepted:

Less than 64mm

BK45

Length: Less than 3.5m,

Weight: Less than 2kgs

Installation possibility pipe size

Circle pipe: ϕ 22- ϕ 62mm, Corner pipe: 62 x 50 mm

Pipe size: L type 450mm x 350mm ϕ 32 (made of aluminum)

Weight: 700g



Window Through Cable Set

MGC50

Frequency: DC-1500MHz

Max. power rating: HF-50MHz 150W (SSB) / 50W (FM/CW)

144MHz 40W (FM), 430MHz 30W (FM), 1200MHz 10W (FM)

SWR: HF-500MHz Less than 1.2, 500 - 1000MHz Less than 1.3

More than 1000MHz Less than 20.3 (1200MHz: Less than 1.7)

Insertion loss: 144MHz Less than 0.3dB, 430MHz Less than 0.6dB, 1200MHz Less than 1.6dB

Impedance: 50 Ω , Connector: MJ-MJ

Cable length: approx. 50cm (between connectors), Weight: 102g



Conversion Connector

BNCP-SMAJ



BNCJ-SMAP



SMAJ-SMAJ



Power Supply Cable Set

PC-1

Cable length: 1m Fuse: 20A

*T type plug / with pressure terminal

PC-3

Cable length: 3m Fuse: 20A

*T type plug / with pressure terminal



Common Mode Filter

CMF2000

Frequency: 1 to 54MHz

Max. power rating: 2kW (SSB)

Common mode attenuation: More than -50dB (MAX)

Insertion loss: Less than 0.2dB

Impedance: 50 Ω

VSWR: Less than 1.2

Length: 380mm

Weight: 650g

Connector: MJ (both sides)



CMF5000

Frequency: 1 to 54MHz

Max. power rating: 5kW (SSB)

Common mode attenuation: More than -50dB (MAX)

Insertion loss: Less than 0.2dB

Impedance: 50 Ω

VSWR: Less than 1.2

Length: 415mm

Weight: 1,180g

Connector: MJ (both sides)



Speaker



P1010

Speaker: 102mm 8 Ω

With Noise Filter

With magnetic bracket

Mute switch (-8dB)

Max. input: 6W

Dimension: 142Wx113Hx57Dmm



P810A

Built-in amplifier with volume control

Built-in noise filter

Speaker: 77mm 8 Ω

Power: DC13.8V Only for 12V battery cars

Max. input: 6W

Dimensions: 113Wx93Hx49Dmm

Cigar lighter plug, DC cable 3m with 3.5mm

plug, and magnet bracket are included



P810

Built-in noise filter switch and

mute switch (-8dB) /

Speaker: 77mm 8 Ω

Max. input: 6W /

Dimensions: 113Wx93Hx43Dmm

Magnet bracket is included



P710

Speaker: 57mm 8 Ω

With Noise Filter

With magnetic bracket

Max. input: 3W

Dimension: 85Wx75Hx43Dmm



P610

Speaker: 57mm 80ohms

Max. input: 5W

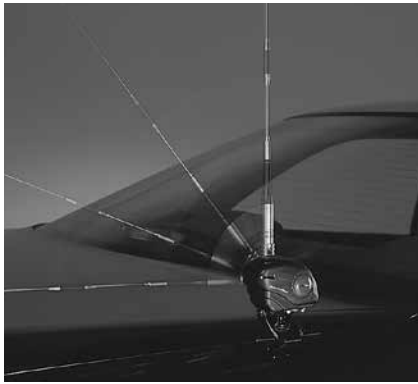
Dimensions: 75Wx69Hx31Dmm

Magnet bracket and DC cable

3m with 3.5mm plug are

included

Motor Drive Mount Base

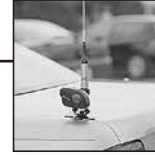


※The K9000 can not be used without appropriate installation bracket.

K9000
The K9000 can not be used without appropriate installation bracket.



- KRS**
Roofsider gutter mount bracket
- KRR**
Rooftop railing mount bracket
- KLR**
Rooftop railing mount bracket
- KTH**
Trunk lid/hatchback gate mount bracket
- K3000**
Strong Three-point Magnet Antenna Base



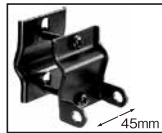
K9000

- Operation Voltage: DC13.8V(10 to 16V)
- Current consumed: 0.95Amax(13.8V)
- Operation speed: Approx. 4sec.(from 0 to 90 degrees)
- Operation angle: between 45 to 90 degrees
- Driving torque: More than 40kg/cm
- Max. antenna load: Less than 1.4m in total length, less than 350g

KRS



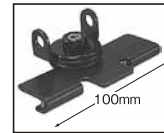
KRR



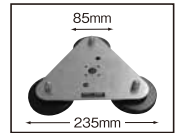
KLR



KTH



K3000



Accessory for Receiver



SS500 (SPLITTER/COMBINER)

0.5-500MHz
Isolation: More than 18dB(0.5-3MHz), More than 30dB(3-200MHz),
More than 17dB(200-500MHz)
Insert loss: Less than 0.6dB(0.5-3MHz),
Less than 0.8dB(3-200MHz),
Less than 1.0dB(200-500MHz)
Dimension: 46(W) × 27(H) × 57(D)mm / Weight: 130g
Impedance: 50Ω / Connector: M-J /
VSWR: Less than 2.0



DMAX50

Frequency: 0.5 to 1500MHz
Gain: 20dB (MAX) - -20dB (MIN)
Impedance: 50Ω, NF 3.5dB IP3 15dBm
Power supply: DC13.8V
Weight: 220g
Dimension: 86W × 25H × 64Dmm
Attachment: AC adapter,
cigar lighter plug,
magic tape, rubber cushions

Compact Magnet Antenna Base

MCR-II

Universal joint structure
Coaxial cable: NL-1.5D-Q SUPER 2.5m
Impedance: 50Ω
Connector: BNCJ-BNCP



MCR-M

Compact magnet antenna base for handheld transceiver antennas
Coaxial cable: NL-1.5D-Q SUPER 2.5m
Impedance: 50Ω / Connector: BNCJ-BNCP / Magnet diameter: 53mm



MCR-II SMA

Universal joint structure
Coaxial cable: NL-1.5D-Q SUPER 2.5m
Impedance: 50Ω
Connector: SMAJ-SMAP

DP-MRX

Coaxial cable: RG58A/U 3m
Connector: BNCJ-BNCP
Magnet diameter: 76.5mm



MCR-M SMA

Compact magnet antenna base for handheld transceiver antennas
Coaxial cable: NL-1.5D-Q SUPER 2.5m
Impedance: 50Ω / Connector: SMAJ-SMAP / Magnet diameter: 53mm



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.)

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