

HF
Mobile
Whip
Antenna



MD200



(From left)
MDC217, MDC80, MDC6

MDC217 (7/21MHz/40m/15m)
MDC80 (3.5MHz/80m)
MDC6 (50-54MHz/6m)
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)

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

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

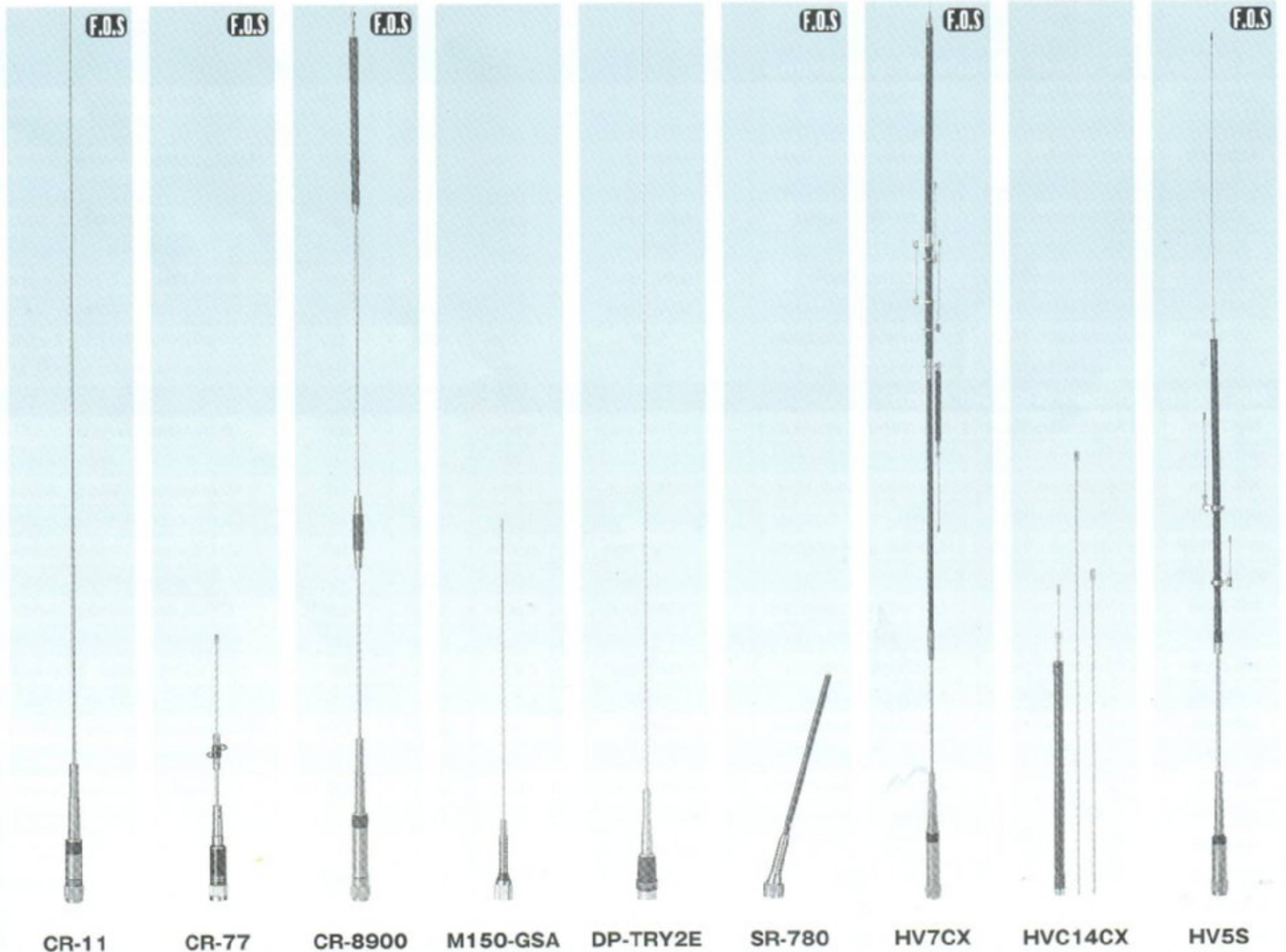
Magnet
Antenna
Grounding
Sheet



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-11

CR-77

CR-8900

M150-GSA

DP-TRY2E

SR-780

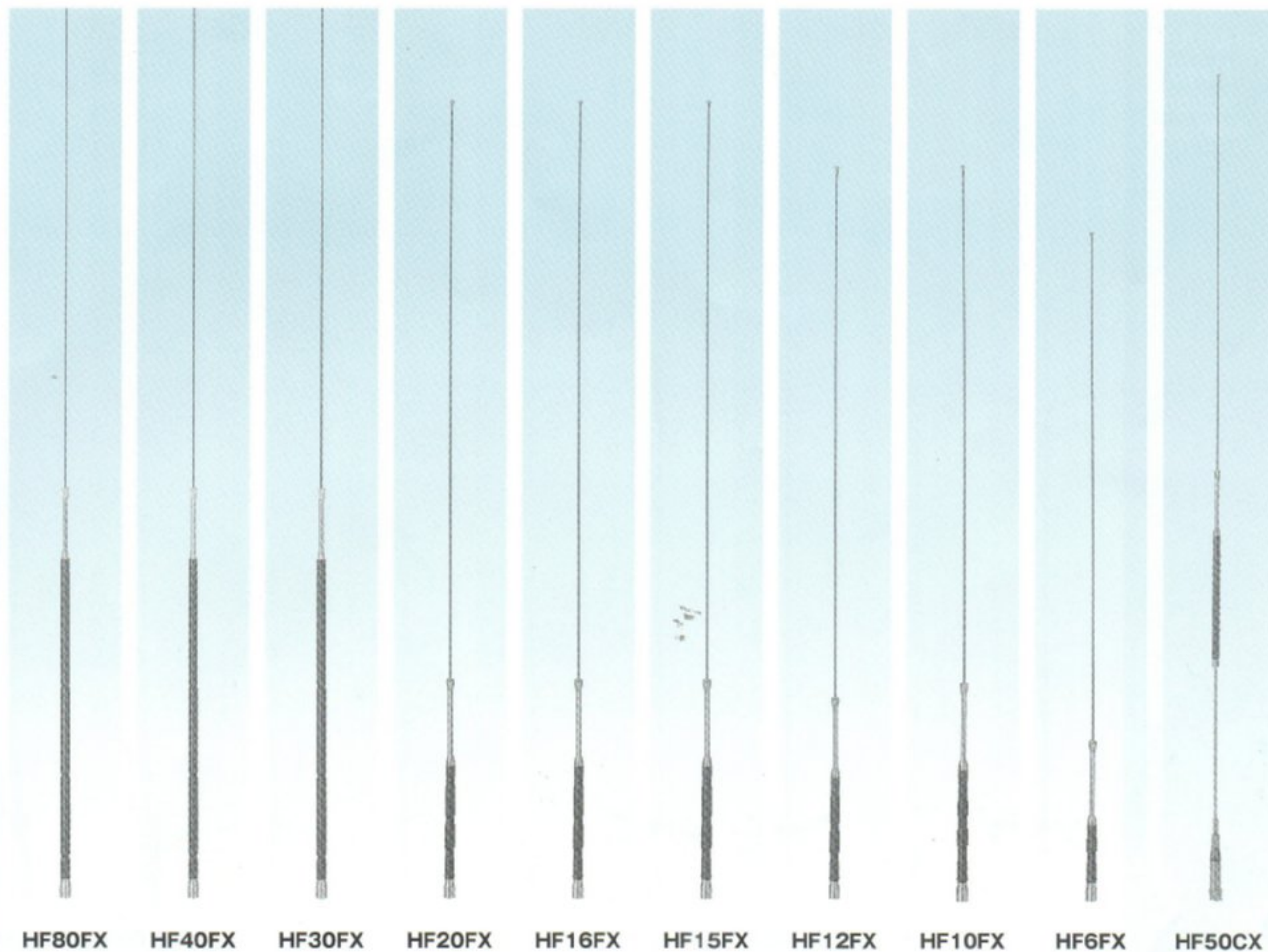
HV7CX

HVC14CX

HV5S

Amateur radio antennas

HF/VHF Mobile Whip Antenna



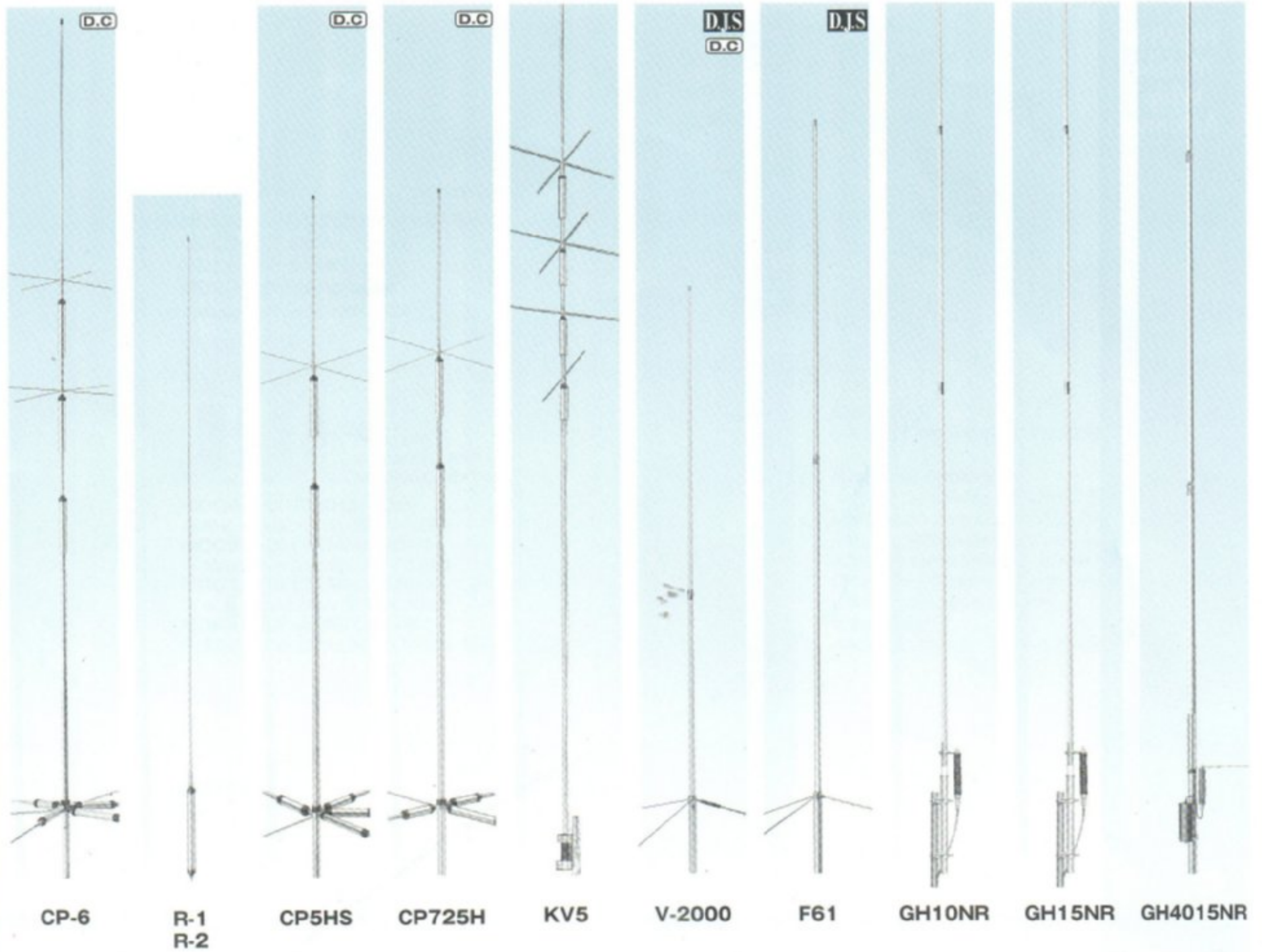
Model	Frequency	Gain	Max. power rating	Length	Weight	Connector	Type
HF & V/UHF Mobile Whip Antenna							
CR-11	26 to 28MHz	—	200W	1.65m	360g	MP	1/4λ
CR-77	144/430MHz(2m/70cm)	2.15dBi(144/430MHz)	100W(Total)	0.29m	90g	MP	1/4λ(144MHz), 1/2λ(430MHz)
CR-8900	29(FM)/50(FM)/144/430MHz (10m/6m/2m/70cm)	2.15dBi(144MHz), 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), 3.4dBi(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
HF40FX	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 (18m)	—	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
HF50CX	50MHz (6m)	—	210W(SSB)	1.9m	610g	MP	1/4λ center 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

Amateur radio antennas

HF&V/UHF Fixed Station Antenna



Model	Frequency	Gain	Max. power rating	Length	Radial Length	Weight	Rated wind velocity	Mast diameter accepted	Connector	Type
HF & V/UHF Fixed Station Antenna										
CP-6	3.5/7/14/21/28/50MHz (80m/40m/20m/15m/10m/6m)	—	200W(SSB)	4.6m	approx. 1.8m	4.9kg	40m/sec.	30-62φ	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(14.2MHz), 500W SSB (28/29.5 MHz)	3.6m	1.8m	3.4kg	45m/sec.	30-62φ	MJ	5 bands trap vertical antenna
CP725H	7/21/28 (29) /50MHz (40m/15m/10m/6m)	—	200W(SSB),400W (SSB),500W(SSB)	3.6m	1.8m	3.6kg	45m/sec.	30-62φ	MJ	4 band trap vertical antenna with trap radials.
KV5	3.5/7/14/21/28 MHz (80m/40m/20m/15m/10m)	—	500W SSB (7/14/21/28/29MHz), 250W SSB(3.5MHz)	5.8m	—	2.9kg	35m/sec	30-62φ	MJ	5 bands vertical antenna
V2000	50/144/430MHz(6m/2m/70cm)	2.15dBi(50-52MHz), 6.2dB(144MHz),8.4(430MHz)	150W(Total)	2.5m	approx. 92cm	1.2kg	50m/sec.	30-62φ	MJ	1/2λ C-Load(50MHz),2x5/8λ C-Load(144MHz), 4x5/8λ C-Load(430MHz)
F61	50MHz(6m)	2.7dBi	150W(SSB)	3.2m	—	1.4kg	50m/sec.	30-62φ	MJ	5/8λ FRP outershell
GH10NR	28MHz(10m)	—	300W(SSB) 100W(FM/CW)	4.6m	—	1.7kg	40m/sec.	30-62φ	MJ	1/2λ trapped radialless vertical antenna
GH15NR	21MHz(15m)	—	150W(SSB)	4.6m	—	1.6kg	40m/sec.	30-62φ	MJ	1/2λ trapped radialless vertical antenna
GH4015NR	7/21MHz (40m/15m)	—	150W(SSB)	7.0m	—	4.0kg	35m/sec.	30-62φ	MJ	1/2λ trapped radialless vertical antenna

*Impedance:50Ω,VSWR:Less than 1.5

Bracket and Magnetic Base

Gutter Mount Antenna Bracket

K300
Tilt angle adjustable
SUPER GAINER
40mm

K301
2-axis adjustable
Compact heavy
duty type
(Tilt angle adjustable
mount only)
30mm

K11
(Heavy duty type Tilt angle
adjustable mount only)
55mm

BL (mount only)
Stainless steel
56mm

K311
2-axis adjustable
(Tilt angle adjustable
mount only)
45mm

K110
(Ultra heavy duty
type Tilt angle
adjustable mount
only)
86mm

Trunk Lid Mount Antenna Bracket

K600M
Tilt angle adjustable
0 to 9 degrees
Coaxial cable:RG188A/
U 5D-FV 5m
Connector:MJ-MP
109mm

KTRI
Tilt angle adjustable 0 to 9 degrees

TE-5M
Tilt angle
adjustable 0 to 9 degrees
Coaxial cable:RG188A/U 5D-FV 5m
Connector:MJ-MP
125mm

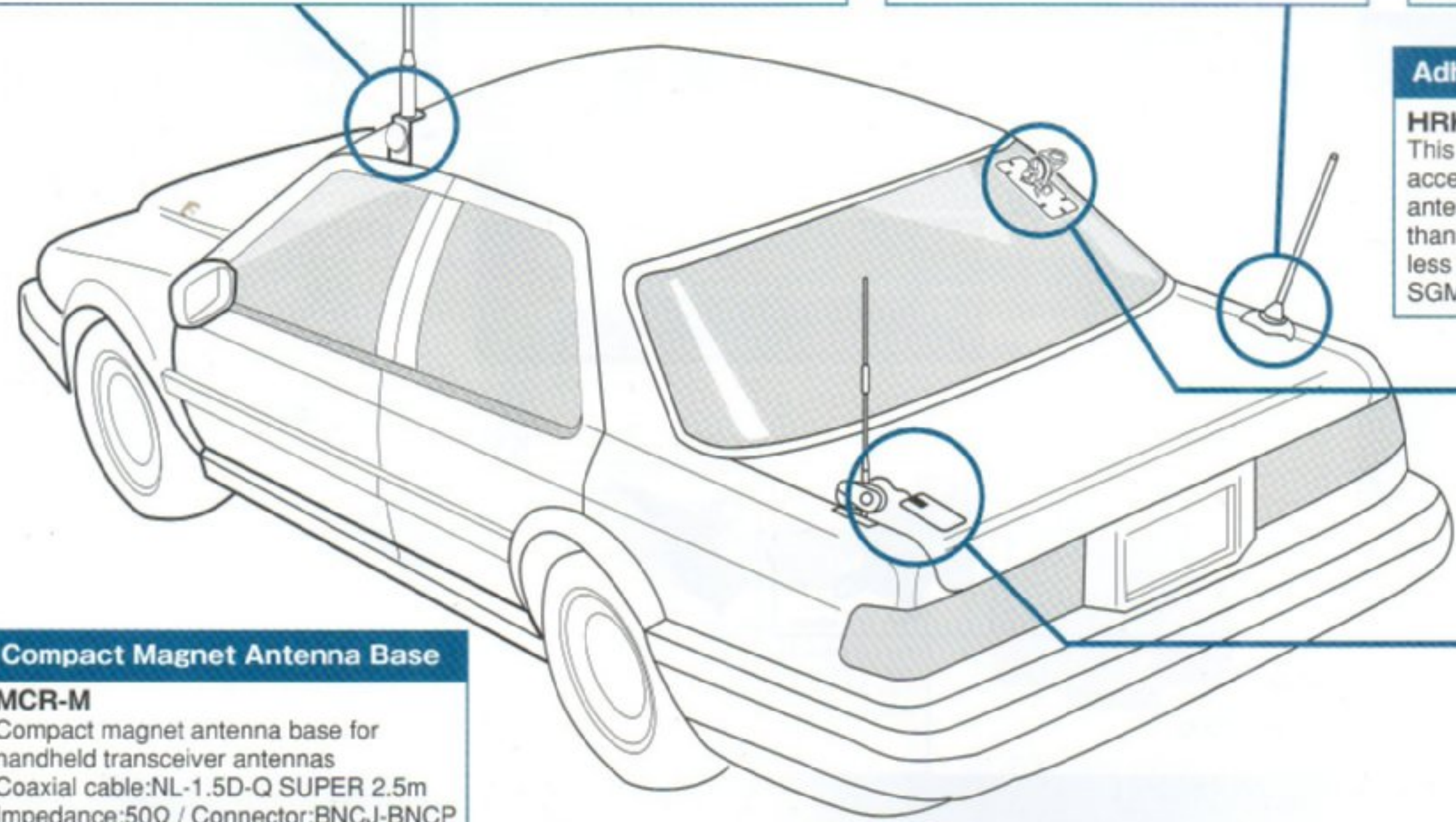
TRA II
Tilt angle
adjustable 0 to 9 degrees
Coaxial cable: RG58C/U 4m
Connector: MJ-MP

Magnet Mount Antenna

MR77
144/430MHz(2m/70cm)
Gain:3.4dBi(430MHz)
Max.Power rating:70W
Impedance:50Ω
Weight:0.4kg / Length:0.5m
Coaxial cable:RG-58C/U
4m M-P Connector

MR77B
144/430MHz(2m/70cm)
Gain:3.4dBi(430MHz)
Max.Power rating:70W
Impedance:50Ω
Weight:0.4kg / Length:0.5m
Coaxial cable:RG-58C/U
4m BNC-P Connector

MR77S
144/430MHz(2m/70cm)
Gain:3.4dBi(430MHz)
Max.Power rating:70W
Impedance:50Ω
Weight:0.4kg / Length:0.5m
Coaxial cable:RG-58C/U
4m SMA-P Connector



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.
100mm 40mm

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 P10

Rooftop Carrier / Mirror Stay Mount Antenna Bracket

SUPER GAINER
K540
Tilt angle adjustable/mount
bracket only
Mast diameter
accepted:15mm to 25mm
45mm

K44
Heavy duty type
Tilt angle
adjustable/mount
bracket only
Mast diameter
accepted:15mm to
25mm
55mm

CRM
Mount bracket only
Stainless steel
Mast diameter
accepted:10mm to
27mm
50mm

DPK-CR
Mount bracket only
For roof carrier, mirror
stay, stainless steel
Mast diameter
accepted:8mm to
32mm
60mm

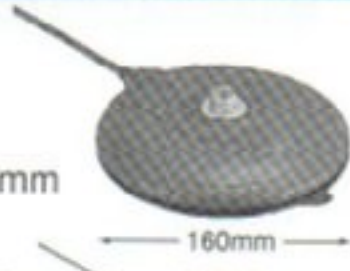
CRB
Mount bracket
only/black type
For roof carrier,
mirror stay
Mast diameter
accepted:8mm to
32mm
60mm

CLB
Mount bracket only
Heavy duty type/stainless
steel
Mast diameter
accepted:10mm to 52mm
90mm

Magnet Base(with Cable)

K702M

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



K701M

Coaxial cable: RG188A/V1m,5DQ-S3m
Connector: MJ-MP Diameter: 160mm



Compact size types with suction cup

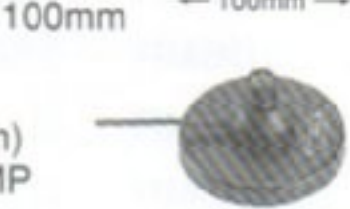
K707M

Coaxial cable:2.5DQ-S 4m
Connector:MJ-MP /Diameter: 100mm



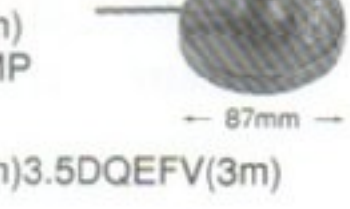
K707B

Coaxial cable:2.5DQ-S 4m
Connector:MJ-BNCP / Diameter: 100mm



MR2A

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



MR2B

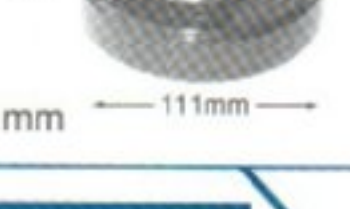
Coaxial cable:1.5D-Q SUPER(1m)3.5DQEFV(3m)
Connector:MJ-BNCP



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

MR5A

Coaxial cable:RG58C/U5m
Connector:MJ-MP
Magnet diameter:85mm



DP-MRX

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



DP-SPM

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



Fold-over Compact Antenna Bracket

SUPER GAINER

K550

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



K501

Compact size/heavy duty type
Tilt angle adjustable/mount bracket only
2-axis adjustable

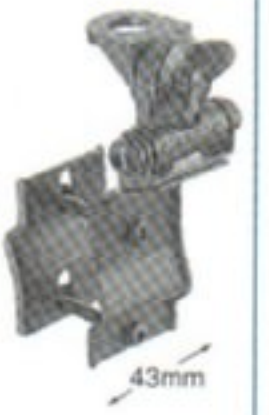
- (1)Mast diameter accepted:15mm to 34mm
- (2)Rooftop railing Height accepted:Less than 50mm Width accepted:Less than 32mm
- (3)Square mast side length accepted:15mm to 26mm



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

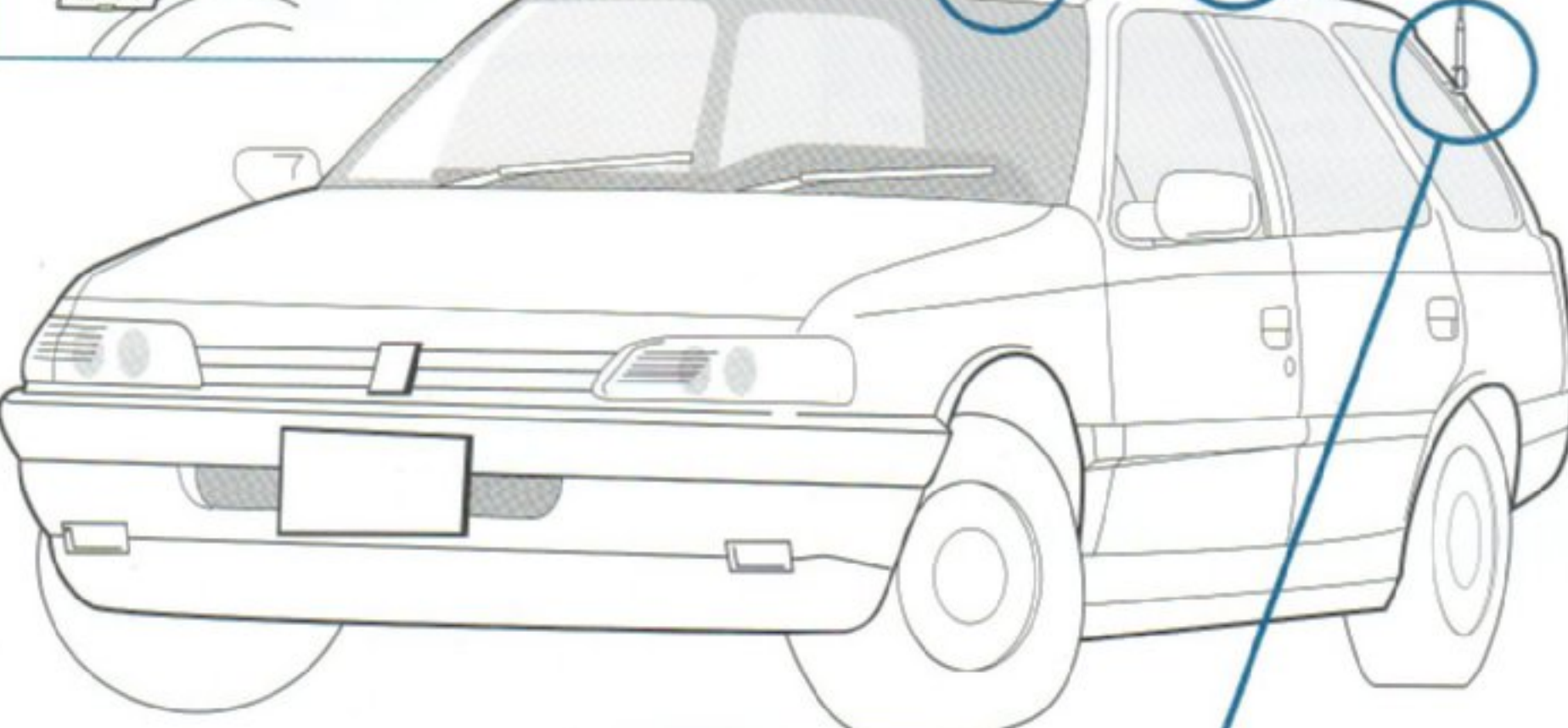
Rooftop railing Height accepted:Less than 50mm
Width accepted:Less than 48mm



Bracket for Motor Bike



KB2
(Stainless steel)



Strong Magnet Antenna Base

MRK

Without cable assembly
2-axis adjustable



SPB

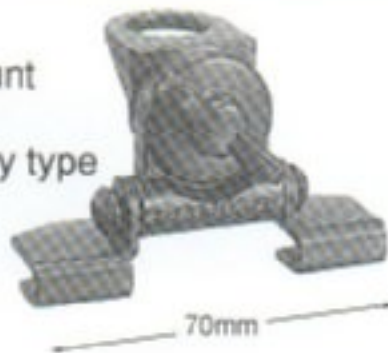
Without cable assembly
Recommend cable
assembly:3D 5D type cable
assemblies(optional)



Trunk Lid / Hatchback Door Mount Antenna Bracket

K405

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



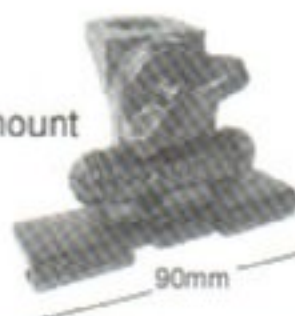
K401

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



K415

3-axis adjustable/mount
bracket only



SUPER GAINER K402

3-axis adjustable/mount
bracket only



K33

Tilt angle adjustable/mount
bracket only Heavy duty type

Coaxial Cable for Mobile

M-BNC Conversion Cable 2D1BR

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

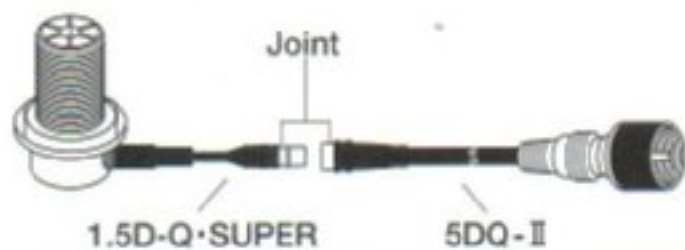


SMA-M Conversion Cable 2D1SR

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



Quick Joint Mobile Cable Assembly



	Model	1.5D-Q-SUPER+5DQ-II	Connector
2.5m TYPE	S255MM	0.5m+2.0m	MJ-MP
	S405MM	0.5m+3.5m	MJ-MP
4m TYPE	S410MM	1.0m+3.0m	MJ-MP
	S415MM	1.5m+2.5m	MJ-MP
	S410MN	1.0m+3.0m	MJ-NP
	S505MM	0.5m+4.5m	MJ-MP
5m TYPE	S510MM	1.0m+4.0m	MJ-MP
	S515MM	1.5m+3.5m	MJ-MP
	S510MN	1.0m+4.0m	MJ-NP
	S510NN	1.0m+4.0m	NJ-NP
	S615MM	1.5m+4.5m	MJ-MP
6m TYPE	S715MM	1.5m+5.5m	MJ-MP

Diameton (mm)	
1.5D-Q-SUPER	3.0mm
5DQ-II	7.5mm

Mobile Coaxial Cable Assembly

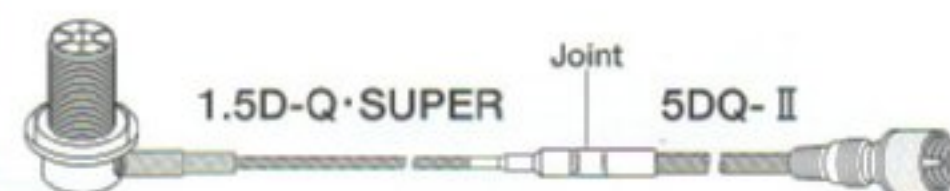
RG4MR	RG58A/U4m	Connectors: MJ-MP
RG5MR	RG58A/U5m	Connectors: MJ-MP
5DQ4MR	5DQ-II 4m	Connectors: MJ-MP
5DQ5MR	5DQ-II 5m	Connectors: MJ-MP
5DQ6MR	5DQ-II 6m	Connectors: MJ-MP
5D4MR	5D-2V4m	Connectors: MJ-MP
5D5MR	5D-2V5m	Connectors: MJ-MP
5D6MR	5D-2V6m	Connectors: MJ-MP
3D4MR	3.5D-LFV4m	Connectors: MJ-MP
3D5MR	3.5D-LFV5m	Connectors: MJ-MP
3D6MR	3.5D-LFV6m	Connectors: MJ-MP
2D2MR	2D-LFB-S2m	Connectors: MJ-MP
2D3MR	2D-LFB-S3m	Connectors: MJ-MP
2D4MR	2D-LFB-S4m	Connectors: MJ-MP
2D5MR	2D-LFB-S5m	Connectors: MJ-MP
2D2BR	2D-LFB-S2m	Connectors: MJ-BNCP
2D3BR	2D-LFB-S3m	Connectors: MJ-BNCP
2D5BR	2D-LFB-S5m	Connectors: MJ-BNCP
2D2SR	2D-LFB-S2m	Connectors: MJ-SMAP
2D3SR	2D-LFB-S3m	Connectors: MJ-SMAP
2D5SR	2D-LFB-S5m	Connectors: MJ-SMAP
EC-H	RG58C/U4m	Connectors: MJ-MP
EC-H5	RG58C/U5m	Connectors: MJ-MP



Mobil Cable Assembly

	Model	1.5D-Q-SUPER+5DQ-II	Connector
4m TYPE	M410R	1.0m+3.0m	MJ-MP
	M420R	2.0m+2.0m	MJ-MP
5m TYPE	M510R	1.0m+4.0m	MJ-MP
	M520R	2.0m+3.0m	MJ-MP
	M525R	2.5m+2.5m	MJ-MP
6m TYPE	M610R	1.0m+5.0m	MJ-MP
	M620R	2.0m+4.0m	MJ-MP
	M625R	2.5m+3.5m	MJ-MP

Diameton (mm)	
1.5D-Q-SUPER	3.0mm
5DQ-II	7.5mm



Other

PC1
Cable Length: 1m
Fuse: 20A



5D05M
5D2V 0.5m Connectors: MP-MP

5D1M
5D2V 1m
Connectors: MP-MP



PC3
Cable Length: 3m
Fuse: 20A

5D05N
5DFB 0.5m Connectors: NP-NP

Bncj to Smap Conversion Connector

BNCJ-SMAP
Center conductors are 24k gold plated



Compact Magnet Antenna Base

MCR2
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-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