



COMET®

*Driven to Perform, In **STYLE!***



HA750BL

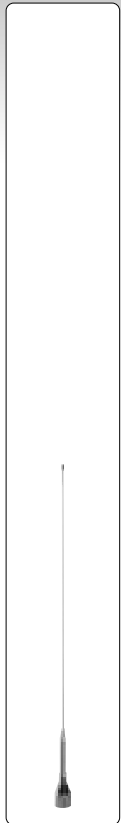


CHA250BX II



MOBILE ANTENNA

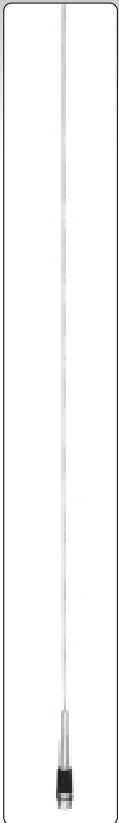
V/UHF Mobile Whip Antenna



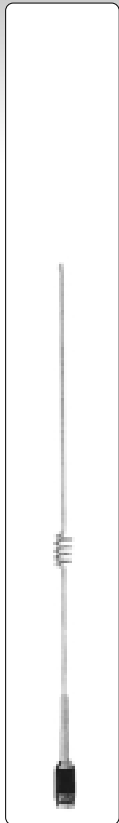
CA150SL



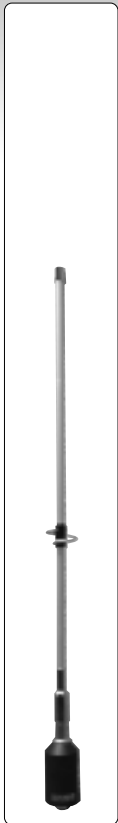
CA150S



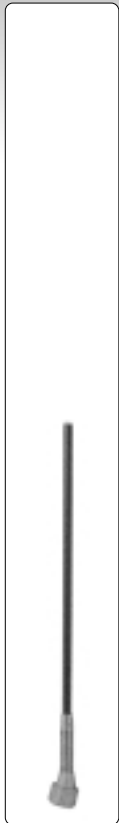
CA285



HP32



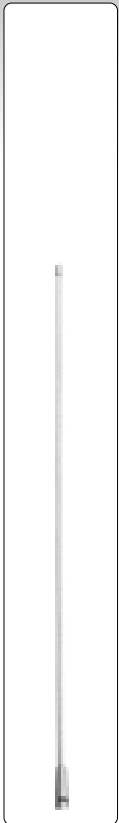
HP500



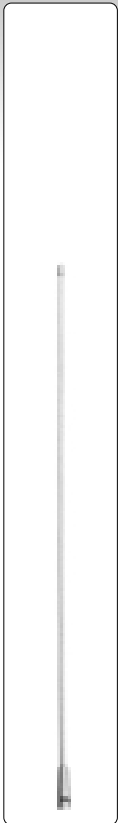
CA207TMa



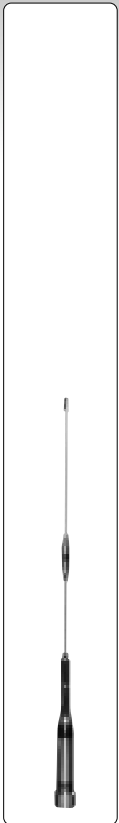
24KG



VG9



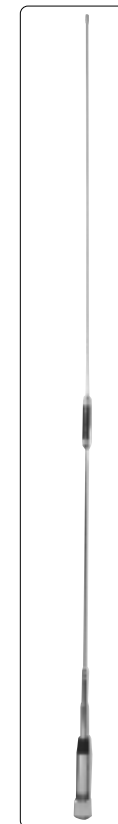
VM1



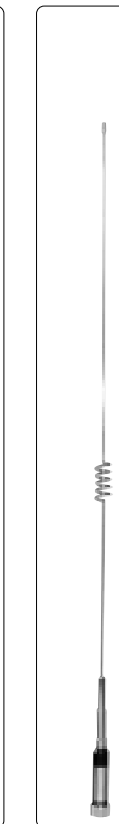
CHL-18



CHL-19



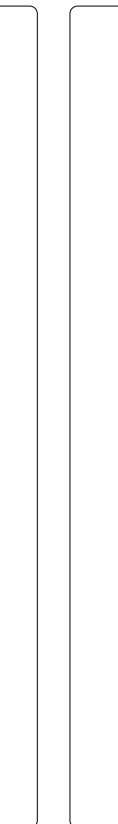
CHL-255



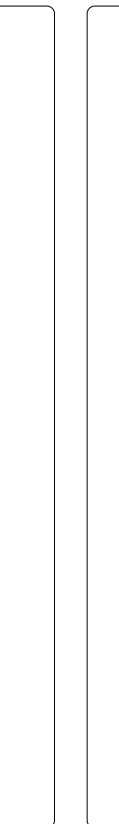
CHL-250H



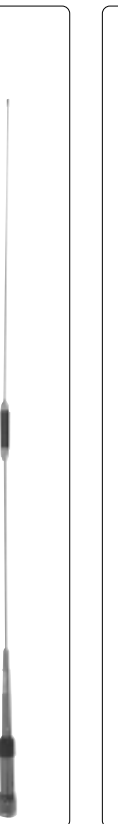
CHL-2510



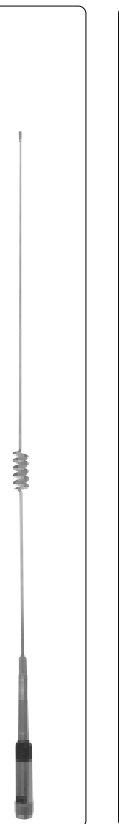
CHL-635



CHL-500S



CHL-550S



CHL-77

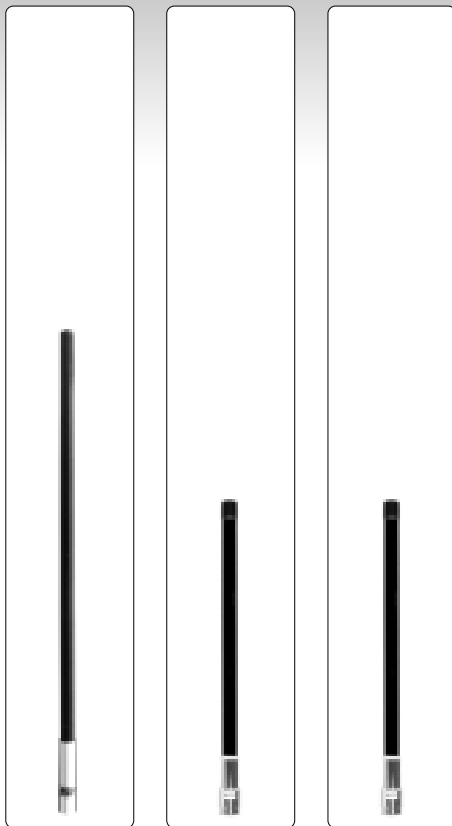


CBC70



CBC120

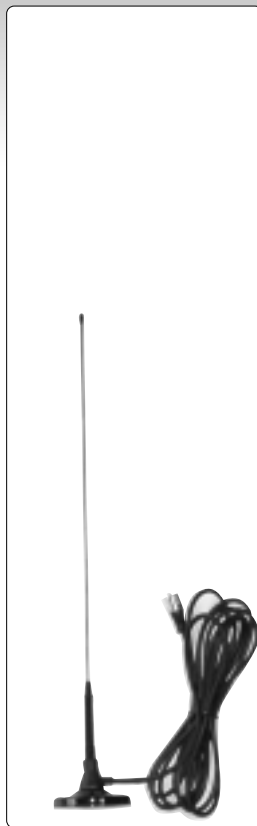
Magnet Base with Antenna



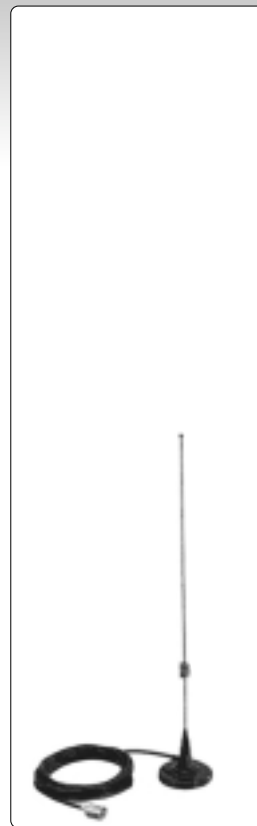
SF-D245

CFA-245

SF-D53N



M72S / M72SBS / M72SS



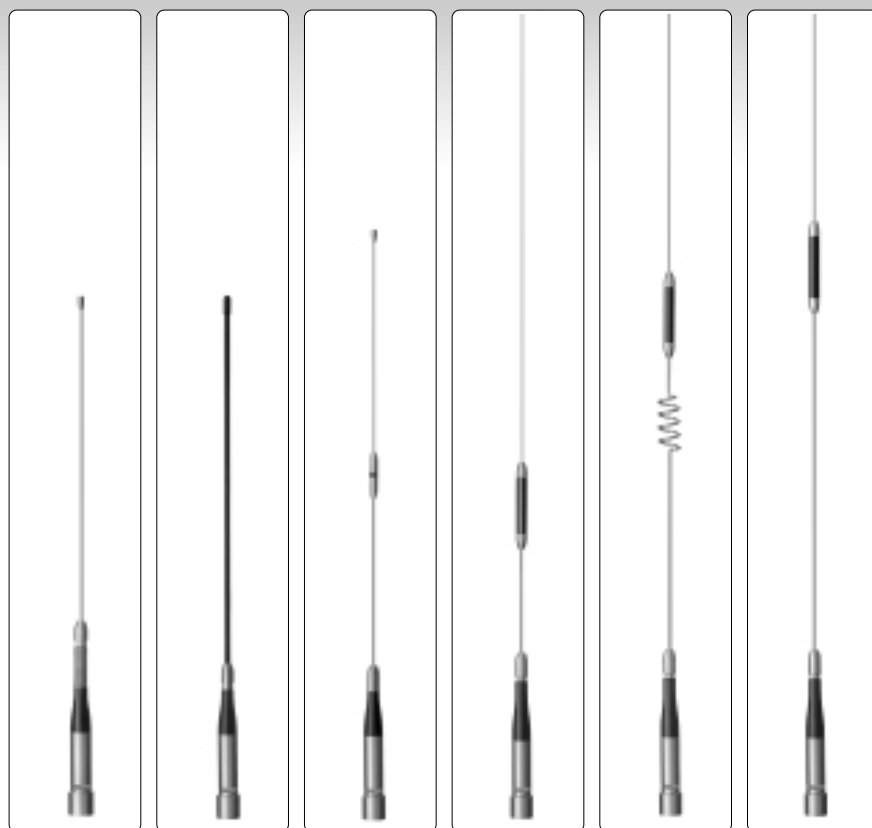
M24M / M24B / M24S

Model	Frequency	Gain	Max.power rating	Length	Weight	Conne-cter	Type	Fold Over Whip element Structure
V/UHF Mobile Whip Antenna								
CA150SL	134-174MHz	2.15dBi	200W	0.6m	160g	MP	1/4λ	
CA150S	144-174MHz	2.15dBi	200W	0.51m	110g	MP	1/4λ	
CA285	144-174MHz	3.5dBi	300W	1.32m	270g	MP	5/8λ, 1/4λ (50MHz)	○
HP32	144/430MHz	3.0/5.5dBi	350/250W	0.89m	470g	MP	1/2λ radialless (144MHz) 2× 5/8λ radialless (430MHz)	○
HP500	144/430MHz	3.0/5.5dBi	500/350W	0.9m	900g	MP	1/2λ radialless (144MHz) 2× 5/8λ radialless (430MHz)	○
CA207TMa	144/430MHz	2.15/3.6dBi	50W	0.5m	350g	MP	1/4λ (144MHz) 5/8λ (430MHz) for trunk-lid base use	
24KG	144/430MHz	6.0/8.4dBi	120W	2.06m	520g	MP	2×5/8λ (144MHz) 4×5/8λ (430MHz)	○
VG9	1200MHz	8.4dBi	60W	1.03m	200g	NP	4×5/8λ radialless	
VM1	144/430MHz	3.0/5.5dBi	60W	1.05m	550g	MP	1/2λ radialless (144MHz) 2×5/8λ radialless (430MHz)	
CHL-18	144/430MHz	2.15/3.8dBi	60W	0.39m	105g	MP	1/4λ (144MHz) 5/8λ C-phase radialless (430MHz)	
CHL-19	144/430MHz	2.15/4.15dBi	120/100W	0.69m	150g	MP	1/2λ (144MHz) 5/8λ radialless (430MHz)	○
CHL-25S	144/430MHz	2.15/5.5dBi	200W	0.98m	210g	MP	1/2λ radialless (144MHz) 2× 5/8λ radialless (430MHz)	○
CHL-250H	144/430MHz	3.0/5.5dBi	200W	0.96m	330g	MP	1/2λ radialless (144MHz) 2× 5/8λ radialless (430MHz)	○
CHL-2510	144/430MHz	3.0/5.5dBi	250W	1.0m	430g	MP	1/2λ radialless (144MHz) 2× 5/8λ radialless (430MHz)	○
CHL-63S	144/430MHz	3.5/6.0dBi	200W	1.06m	260g	MP	1/2λ C-Phase radialless (144MHz) 2×5/8λ radialless (430MHz)	○
CHL-500S	144/430MHz	3.0/5.5dBi	160W	1.0m	220g	MP	1/2λ radialless (144MHz) 2×5/8λ radialless (430MHz) Bottom Spring	○
CHL-550S	144/430MHz	3.0/5.5dBi	200W	0.95m	350g	MP	1/2λ radialless (144MHz) 2×5/8λ radialless (430MHz) Bottom Spring	○
CHL-77	430MHz	5.5dBi	150W	0.98m	210g	MP	2×5/8λ radialless (430MHz)	○
CBC70	430MHz	6.0dBi	300W	max.diameter: 160mm	220g	MP	radialless	
CBC120	1200MHz	6.0dBi	120W		165g	NP	radialless	
SF-D245	2.4GHz	5.0dBi	—	0.485m	70g	NP	5×1/2λ Phasing coil mobile whip antenna, FRP outershell	
CFA-245	2.4GHz	4.0dBi	—	0.25m	70g	NP	2×5/8λ Phasing coil mobile whip antenna, FRP outershell	
SF-D53N	5GHz	5.5dBi	—	0.18m	70g	NP	3×1/2λ Phasing coil mobile whip antenna, FRP outershell	
Magnet Base with Antenna								
M72S	134-174MHz	2.15dBi	80W(FM)	0.52m	450g	MP	1/4λ bottom Spring Magnet Mount Antenna	
M72SBS	134-174MHz	2.15dBi	80W(FM)	0.52m	450g	BNCP	1/4λ bottom Spring Magnet Mount Antenna	
M72SS	134-174MHz	2.15dBi	80W(FM)	0.52m	450g	SMAP	1/4λ bottom Spring Magnet Mount Antenna	
M24M	144/430MHz	1.7/4.15dBi	80W(FM)	0.48m	500g	MP	1/4λ Magnet Mount Antenna	
M24B	144/430MHz	1.7/4.15dBi	80W(FM)	0.48m	500g	BNCP	1/4λ Magnet Mount Antenna	
M24S	144/430MHz	1.7/4.15dBi	80W(FM)	0.48m	500g	SMAP	1/4λ Magnet Mount Antenna	

MOBILE ANTENNA

SUPER SLIM

SUPER BEAM



SS390S

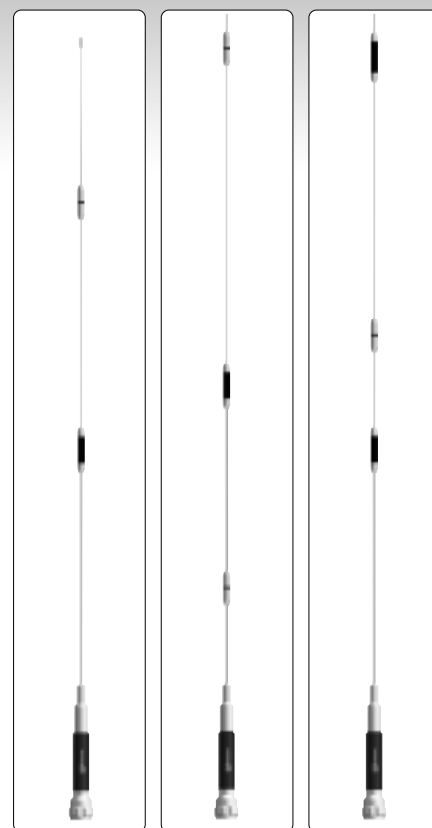
SS400

SS460

SS680

SS780

SS910



CSB7500

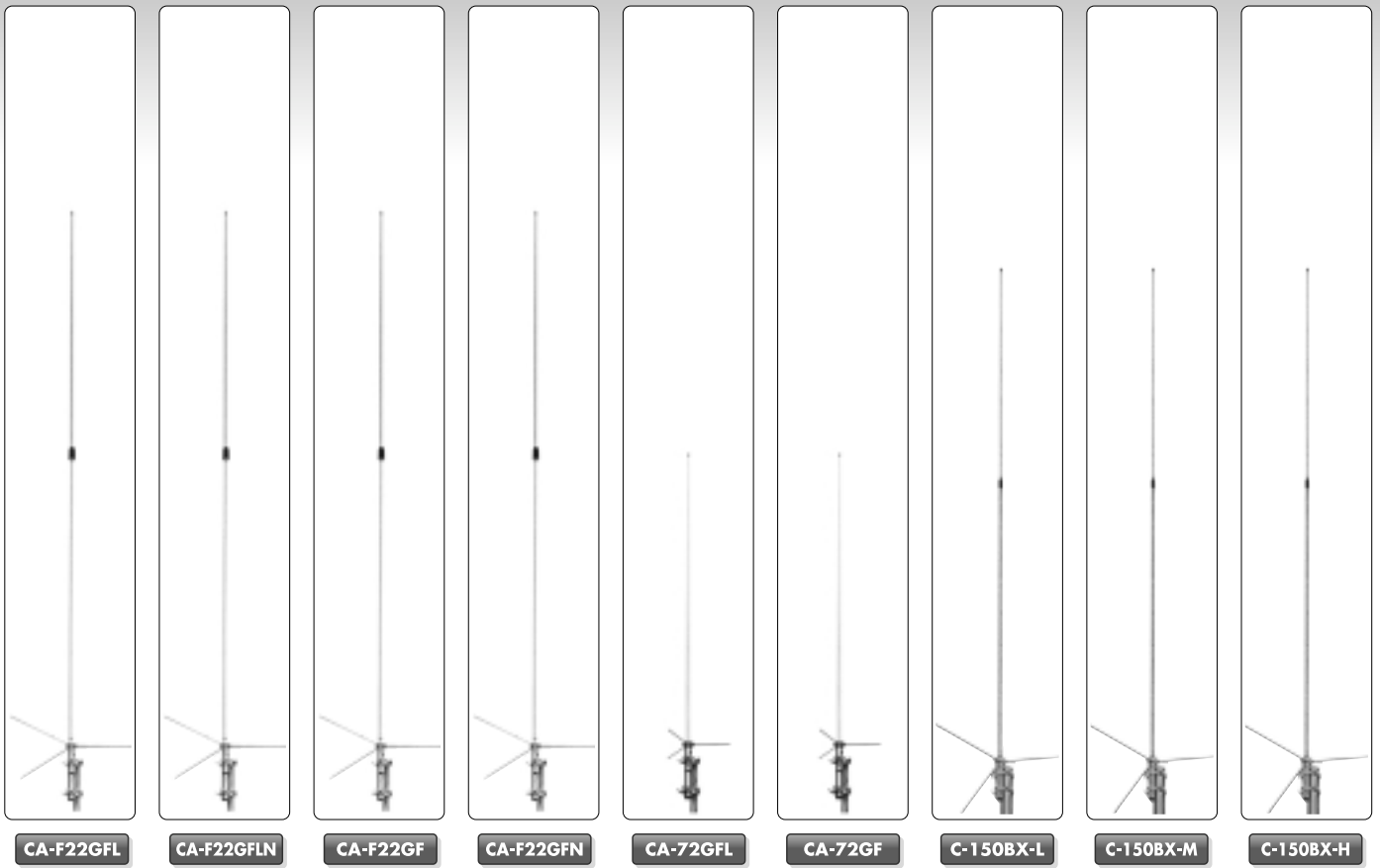
CSB7700

CSB7900

Model	Frequency	Gain	Max.power rating	Length	Weight	Connector	Type	Fold Over Whip element Structure
SUPER SLIM								
SS390S	144/430MHz	1.5/2.15dBi	60W	0.39m	80g	MP	1/4λ (144MHz) 1/2λ radialless (430MHz) Bottom Spring	
SS400	144/430MHz	1.5/2.15dBi	60W	0.4m	78g	MP	1/4λ (144MHz) 1/2λ radialless (430MHz) Flexible element	
SS460	144/430MHz	2.15/4.15dBi	60W	0.46m	80g	MP	1/4λ (144MHz) 1/2λ radialless (430MHz)	○
SS680	144/430MHz	2.15/5.0dBi	80W	0.68m	100g	MP	1/2λ radialless (144MHz) 5/8λ radialless (430MHz)	○
SS780	144/430MHz	2.15/5.0dBi	80W	0.78m	110g	MP	1/2λ radialless (144MHz) 2×5/8λ radialless (430MHz)	○
SS910	144/430MHz	2.15/5.5dBi	80W	0.91m	106g	MP	1/2λ radialless (144MHz) 2×5/8λ radialless (430MHz)	○
SUPER BEAM								
CSB7500	144/430MHz	3.6/6.1dBi	150W	1.06m	325g	MP	1/2λ C-Phase radialless (144MHz) 2×5/8λ radialless (430MHz)	○
CSB7700	144/430MHz	4.4/6.9dBi	150W	1.27m	345g	MP	5/8λ Double C-Phase radialless (144MHz) 2×5/8λ C-Phase radialless (430MHz)	○
CSB7900	144/430MHz	5.1/7.7dBi	150W	1.58m	465g	MP	7/8λ Double C-Phase radialless (144MHz) 3×5/8λ C-Phase radialless (430MHz)	○

COMMERCIAL

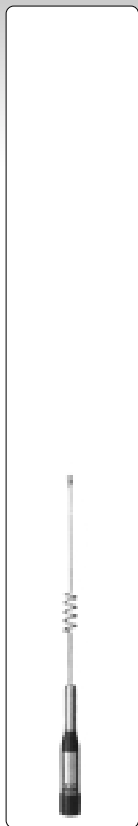
V/UHF Fixed Station Antenna



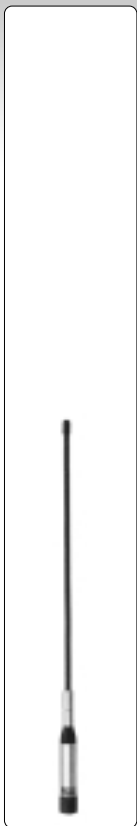
Model	Frequency	Gain	Max.power rating	Length	Radila Length	Weight	Rated wind velocity	Mast diameter accepted	Connecter	Type
V/UHF Fixed Station Antenna										
CA-F22GFL	120-150MHz	6.0dbi	150W FM	2.7m	49cm	1.3kg	40m/sec.	30-62	MJ	2×5/8λ FRP outershell
CA-F22GFLN	120-150MHz	6.0dbi	150W FM	2.7m	49cm	1.3kg	40m/sec.	30-62	NJ	2×5/8λ FRP outershell
CA-F22GF	134-175MHz	6.0dbi	150W FM	2.7m	49cm	1.3kg	40m/sec.	30-62	MJ	2×5/8λ FRP outershell
CA-F22GFN	134-175MHz	6.0dbi	150W FM	2.7m	49cm	1.3kg	40m/sec.	30-62	NJ	2×5/8λ FRP outershell
CA-72GFL	400-460MHz	5.5dbi	150W FM	1.25m	17cm	1kg	50m/sec.	30-62	MJ	2×5/8λ FRP outershell
CA-72GF	440-480MHz	5.5dbi	150W FM	1.25m	17cm	1kg	50m/sec.	30-62	MJ	2×5/8λ FRP outershell
C-150BX-L	118-145MHz	3.4dbi	100W FM	1.7m	49cm	0.89kg	60m/sec.	30-62	MJ	5/8λ
C-150BX-M	134-160MHz	3.4dbi	100W FM	1.52m	49cm	0.87kg	60m/sec.	30-62	MJ	5/8λ
C-150BX-H	148-175MHz	3.4dbi	100W FM	1.28m	49cm	0.85kg	60m/sec.	30-62	MJ	5/8λ

MOBILE ANTENNA

SB Series



SB0



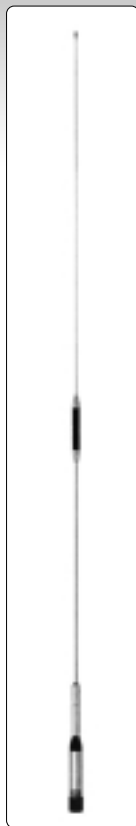
SB1



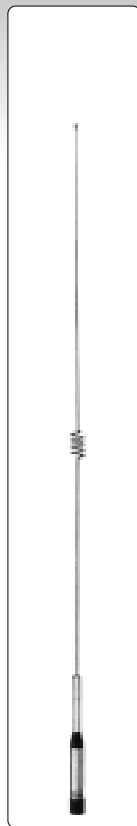
SB2



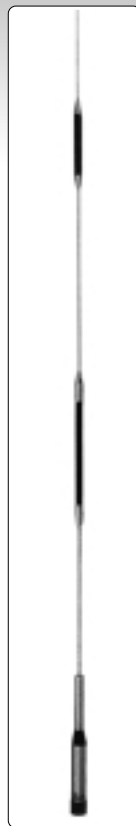
SB3



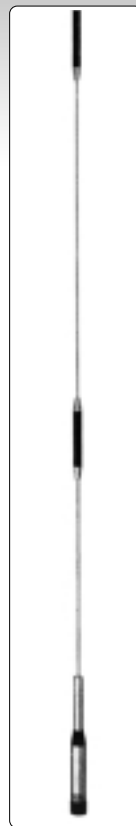
SB4



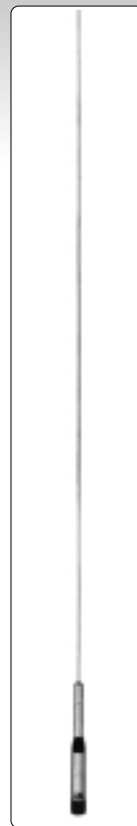
SB5



SB6



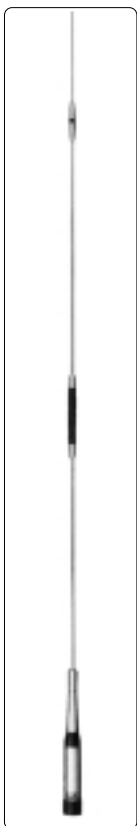
SB7



SB21



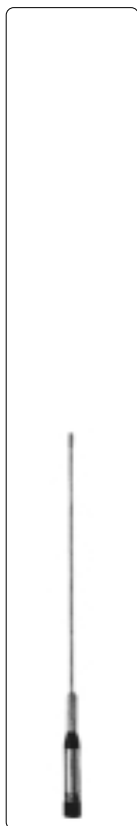
SB23



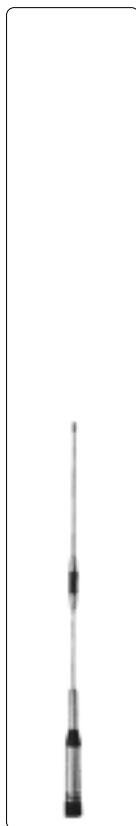
SB14



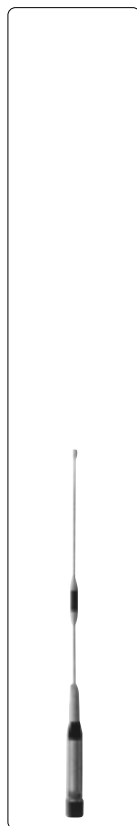
SB15



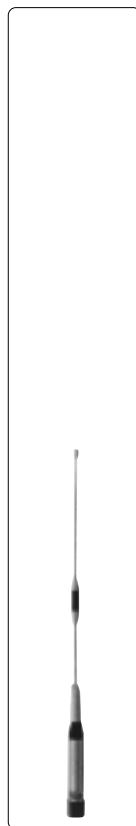
SB41



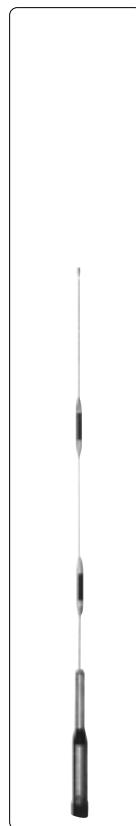
SB72



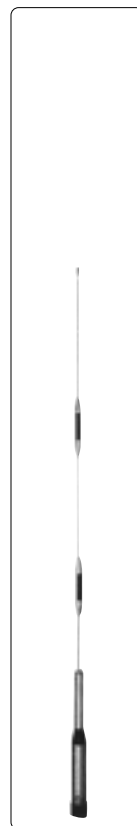
SB92M



SB92N

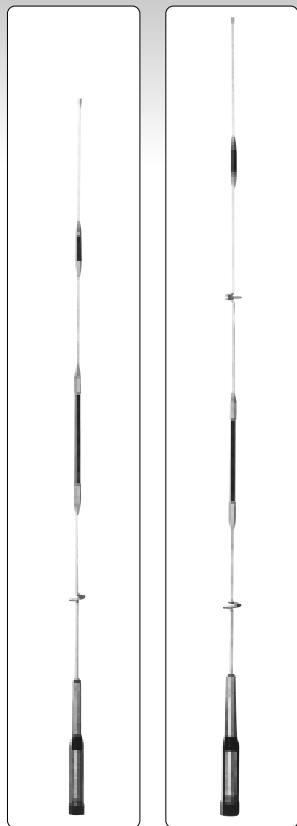


SB94M



SB94N

HF & V/UHF Mobile Whip Mobile

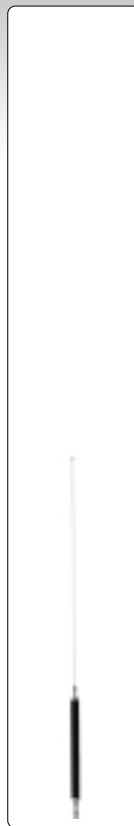


SB96M

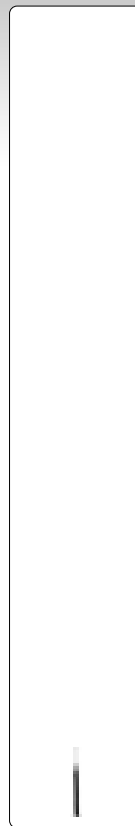
SB97M



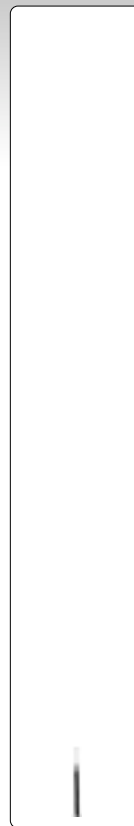
UHV6



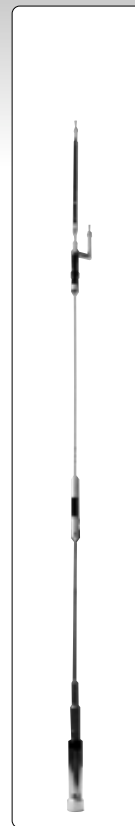
L-3.5



L-14



L-18

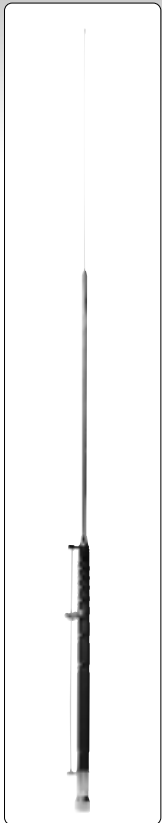


UHV4

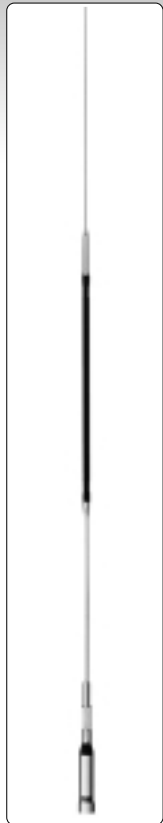
Model	Frequency	Gain	Max.power rating	Length	Weight	Conne-cter	Type	Fold Over Whip element Structure
SB Series								
SB0	144/430MHz	2.15/2.15dBi	60W	0.3m	80g	MP	1/4λ (144MHz) 1/2λ radialless (430MHz)	
SB1	144/430MHz	1.5/2.15dBi	60W	0.41m	100g	MP	1/4λ (144MHz) 1/2λ radialless (430MHz) , Flexible element	
SB2	144/430MHz	2.15/3.8dBi	60W	0.46m	105g	MP	1/4λ (144MHz) 5/8λ C-phase radialless (430MHz)	
SB3	144/430MHz	2.15/5.0dBi	60W	0.66m	140g	MP	1/2λ radialless (144MHz) 2×5/8λ radialless (430MHz)	○
SB4	144/430MHz	3.0/5.5dBi	60W	0.92m	135g	MP	1/2λ radialless (144MHz) 2×5/8λ radialless (430MHz)	○
SB5	144/430MHz	3.0/5.5dBi	120W	0.95m	170g	MP	1/2λ radialless (144MHz) 2×5/8λ radialless (430MHz)	○
SB6	144/430MHz	3.9/6.4dBi	70W	1.15m	240g	MP	1/2λ radialless (144MHz) 3×5/8λ (430MHz) Double C-fase radialless	○
SB7	144/430MHz	4.5/7.2dBi	70W	1.38m	230g	MP	1/2λ radialless (144MHz) 3×5/8λ (430MHz) C-phase radialless	○
SB21	144MHz	2.15dBi	150W	1.04m	130g	MP	1/2λ radialless	○
SB23	144MHz	2.15dBi	150W	0.75m	120g	MP	3/8λ	○
SB14	50/144/430MHz	2.15/3.5/6.0dBi	120W	1.08m	300g	MP	1/4λ (50MHz) 1/2λ C-phase radialless (144MHz) 5/8λ C-phase radialless (430MHz)	○
SB15	50/144/430MHz	2.15/4.5/7.2dBi	120W	1.53m	410g	MP	1/4λ (50MHz) 6/8λ (144MHz) C-phase 3×5/8λ (430MHz)	○
SB41	430MHz	2.15dBi	60W	0.4m	110g	MP	1/2λ radialless	
SB72	430/1200MHz	3.0/5.5dBi	60W	0.4m	110g	NP	1/2λ radialless(430MHz) 2×5/8λ radialless(1200MHz)	
SB92M	144/430/1200MHz	0/2.15/5.5dBi	60/60/30W	0.39m	140g	MP	1/4λ (144MHz) 1/2λ radialless (430MHz) 2×5/8λ radialless (1200MHz)	
SB92N	144/430/1200MHz	0/2.15/5.5dBi	60/60/30W	0.39m	140g	NP	1/4λ (144MHz) 1/2λ radialless (430MHz) 2×5/8λ radialless (1200MHz)	
SB94M	144/430/1200MHz	2.15/5.1/7.2dBi	60/60/30W	0.6m	160g	MP	1/4λ radialless (144MHz) 8/9λ C-phase (430MHz) 3×5/8λ radialless (1200MHz)	○
SB94N	144/430/1200MHz	2.15/5.1/7.2dBi	60/60/30W	0.6m	160g	NP	1/4λ radialless (144MHz) 8/9λ C-phase (430MHz) 3×5/8λ radialless (1200MHz)	○
SB96M	144/430/1200MHz	2.8/6.0/8.4dBi	60/60/30W	0.83m	200g	MP	1/2λ (144MHz) 2×5/8λ radialless (430MHz) 4×5/8λ radialless (1200MHz)	○
SB97M	144/430/1200MHz	3.0/6.8/9.6dBi	60/60/30W	1.0m	300g	MP	1/2λ C-Phase radialless(144MHz) 2×5/8λ C-Phase radialless (430MHz) 5×5/8λ C-Phase radialless (1200MHz)	○
HF & V/UHF Mobile Whip Mobiles								
UHV6	7/21/28/50/144/430MHz	0dBi (7/21/28MHz) 2.15dBi(50/144MHz) 200W (50/144/430) SSB 5.5dBi (430MHz)	120W (7-28MHz) SSB 200W (50/144/430) SSB	1.9m (MAX)	540~730g		1/4λ (7/21/28MHz) 1/2λ (144MHz) 2×5/8λ (430MHz)	○
L-3.5	3.5MHz	0dBi	120W SSB				Option Coil for UHV-6	
L-14	14MHz	0dBi	120W SSB				Option Coil for UHV-6	
L-18	18MHz	0dBi	120W SSB				Option Coil for UHV-6	
UHV4	28-29/50/144/430MHz	0dBi (28-29/50MHz) 2.15dBi (144MHz) 5.5dBi (430MHz)	120W (28-29MHz) SSB 200W (50MHz) SSB	1.39m	630g	MP	1/2λ radialless (144MHz) 2×5/8λ radialless (430MHz)	○

MOBILE ANTENNA

HF/VHF Mobile Whip Antenna



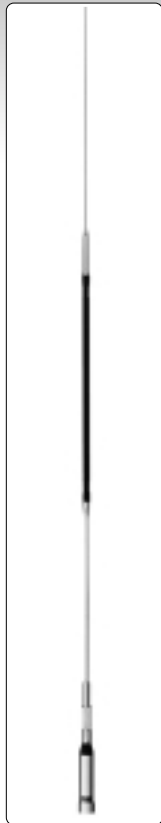
CHF-10



HR7



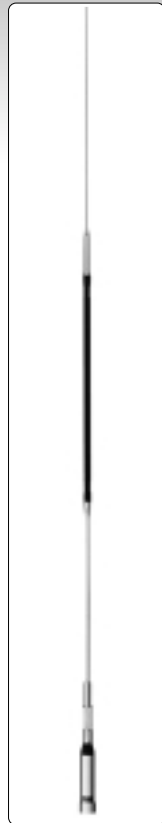
HR14



HR21



HR28



HR50



HA035



HA07



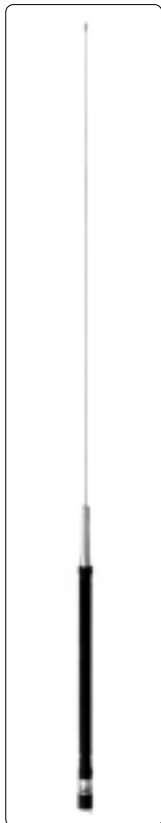
HA021



HA028



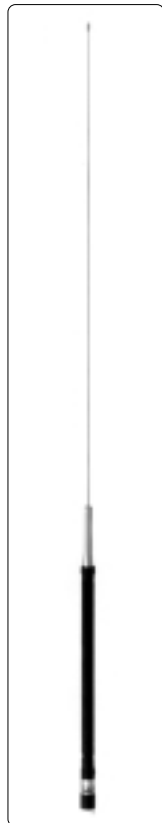
HA050



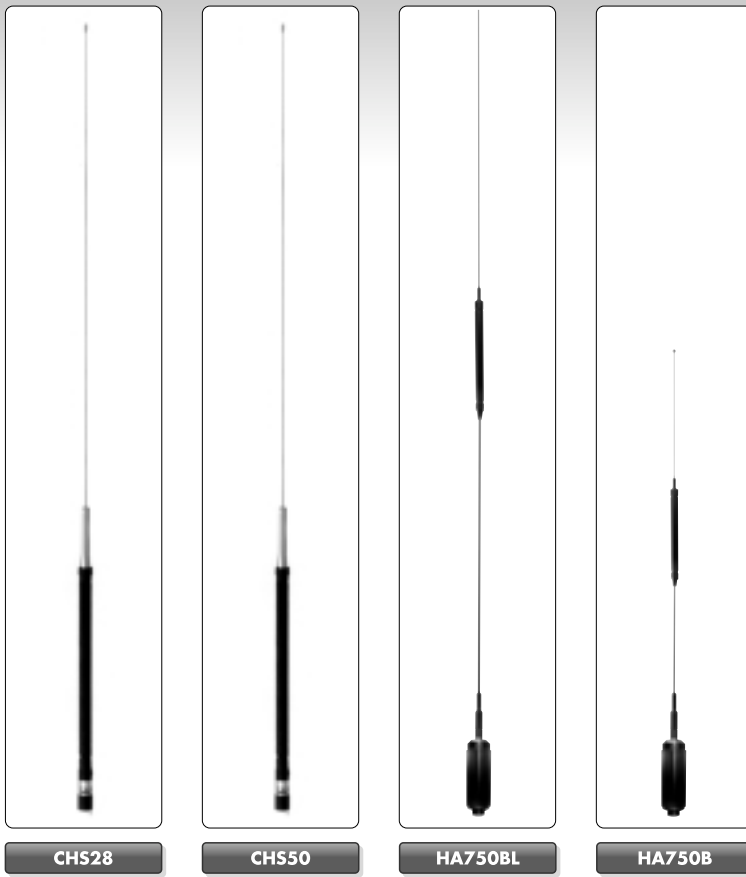
CHS7



CHS21



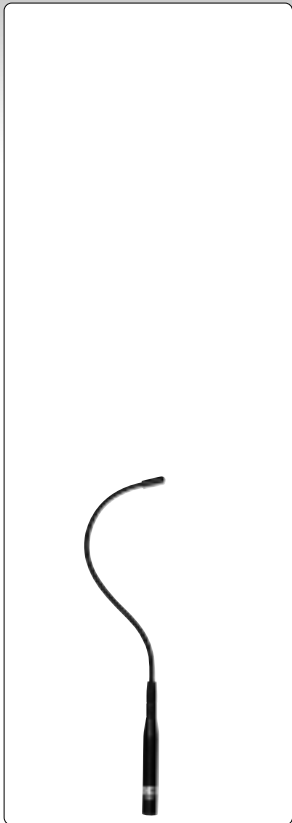
CHS24



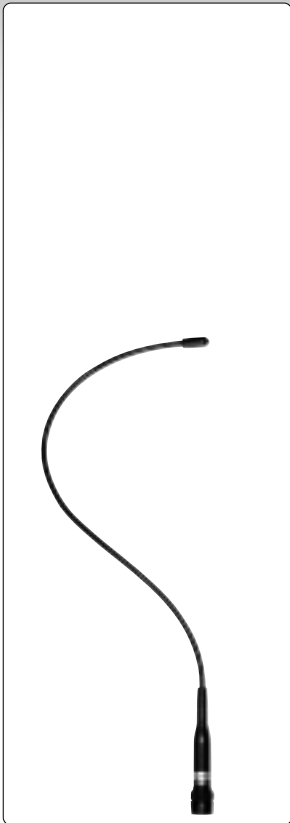
Model	Frequency	Gain	Max.power rating	Length	Weight	Conne-cter	Type	Fold Over Whip element Structure
HF/VHF Mobile Whip Antenna								
CHF-10	3.5/3.8/7/10/14/18/21/24/28-29/50MHz	—	200W (SSV)	1.88m	830g	MP	1/4λ (3.5/3.8/7/10/14/18/21/24/28-29MHz) 1/2λ (50MHz)	
HR7	7MHz	—	120W SSB	2.13m	490g	MP	1/4λ Center Loading	○
HR14	14MHz	—	200W SSB	2.13m	500g	MP	1/4λ Center Loading	○
HR21	21MHz	—	200W SSB	2.13m	490g	MP	1/4λ Center Loading	○
HR28	28MHz	—	200W SSB	2.13m	480g	MP	1/4λ Center Loading	○
HR50	50MHz	2.15dBi	200W SSB	2.13m	490g	MP	1/2λ Center Loading, radialless	○
HA035	3.5MHz	—	120W SSB	1.13m	420g	MP	1/4λ Center Loading	○
HA07	7MHz	—	120W SSB	1.08m	420g	MP	1/4λ Center Loading	○
HA021	21MHz	—	120W SSB	1.02m	380g	MP	1/4λ Center Loading	○
HA028	28MHz	—	120W SSB	1.0m	370g	MP	1/4λ Center Loading	○
HA050	50MHz	—	120W SSB	1.0m	360g	MP	1/4λ Center Loading	○
CHS7	7MHz	—	250W SSB	1.6m	230g	MP	1/4λ Base Loading	
CHS21	21Hz	—	300W SSB	0.95m	150g	MP	1/4λ Base Loading	
CHS24	24MHz	—	300W SSB	0.95m	145g	MP	1/4λ Base Loading	
CHS28	28MHz	—	300W SSB	0.95m	140g	MP	1/4λ Base Loading	
CHS50	50MHz	—	300W SSB	0.95m	150g	MP	1/4λ Base Loading	
HA750BL	Transmission:7&14MHz-56MHz Reception:3.0-70MHz	—	120W SSB	2.41m	820g	MP	Impedance:50Ω VSWR:Less than 1.5	
HA750B	Transmission:7&18MHz-54MHz Reception:3.0-70MHz	—	120W SSB	1.22m	730g	MP	Impedance:50Ω VSWR:Less than 1.5	

HANDY MATE SERIES

CH Series



CH300FXS / CH350FXB



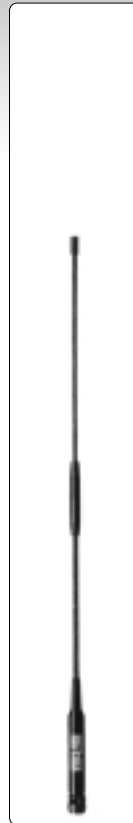
CH600FXS / CH700FXB



CH32



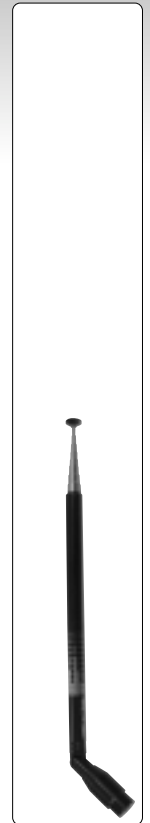
CH501X



CH701X



CH75

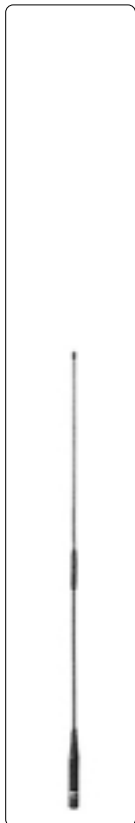


CH99

RX Series

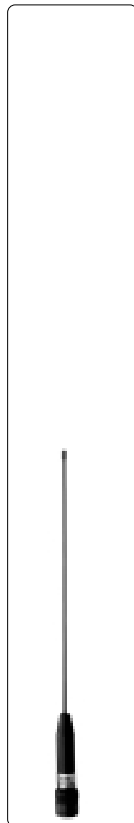


RX5

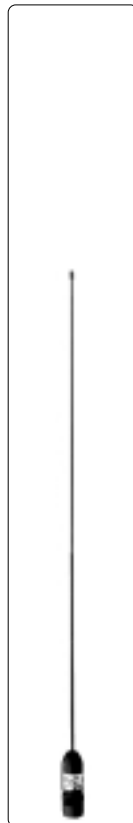


RX7

BNC Series



BNC242

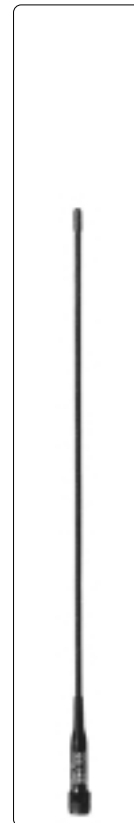


BNC246



BNC24

SH Series



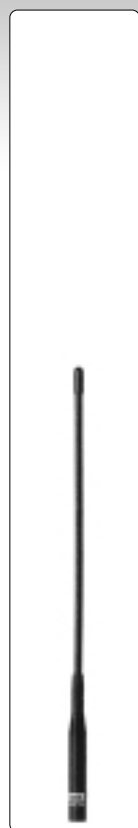
SH55



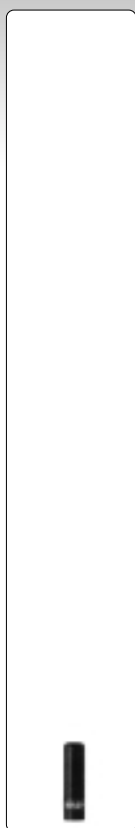
SH85

SMA Series

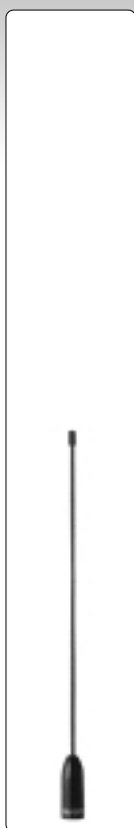
Air Band Antenna



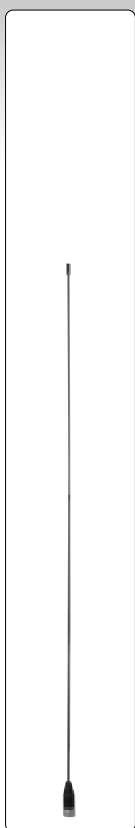
SMA3



SMA501



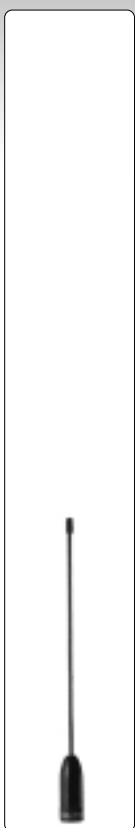
SMA503



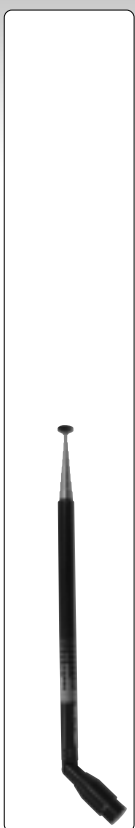
SMA24



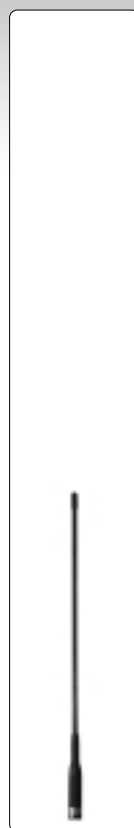
SMA701



SMA703



SMA99

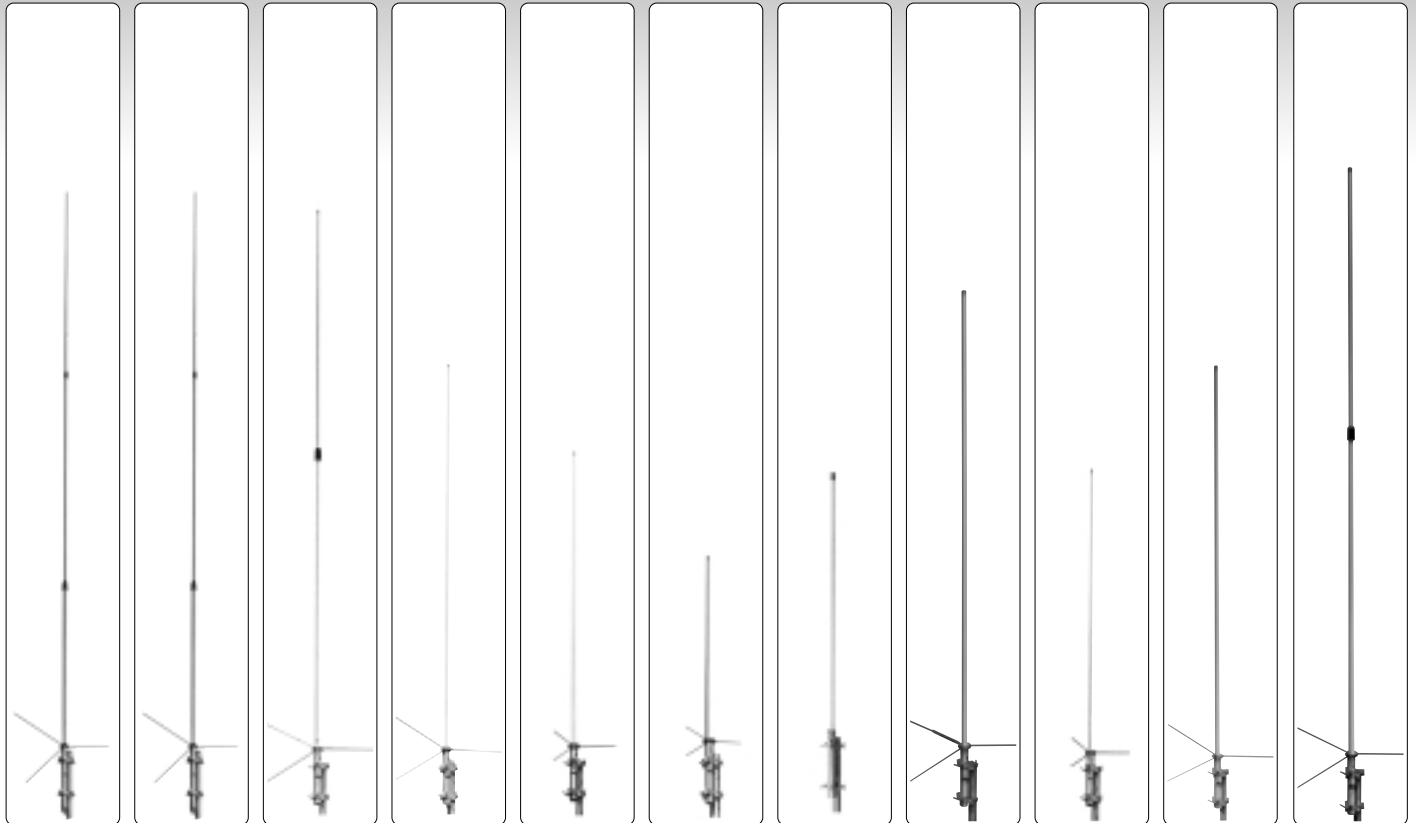


AB1230H

Model	Frequency	Gain	Max.power rating	Length	Weight	Connector	Type
CH Series							
CH300FXS	144/430/900MHz	1.2/1.7/3.4dbi	10W FM	25cm	34g	SMA	1/4λ (144/430MHz), 1/2λ (900MHz), 120(Air Band) 150/300/450/800MHz for receiving only
CH350FXB	144/430/900MHz	1.2/1.7/3.4dbi	10W FM	25cm	38g	BNC	1/4λ (144/430MHz), 1/2λ (900MHz), 120(Air Band) 150/300/450/800MHz for receiving only
CH600FXS	144/430MHz	1.5/3.2dbi	10W FM	4cm	42g	SMA	1/4λ (144MHz), 1/2λ (430MHz), 120(Air Band) 150/300/450/800MHz for receiving only
CH700FXB	144/430MHz	1.5/3.2dbi	10W FM	4cm	45g	BNC	1/4λ (144MHz), 1/2λ (430MHz), 120(Air Band) 150/300/450/800MHz for receiving only
CH32	144/430/900MHz	0dbi	10W FM	4.5cm	20g	BNC	1/4λ, 120 (Air Band) 150/300/450/800MHz for receiving only
CH501X	144/430/900MHz	0/1.2/3.4dbi	10W FM	28.5cm	68g	BNC	1/4λ (144/430MHz), 1/2λ (900MHz), 120 (Air Band) 150/300/450/800MHz for receiving only
CH701X	144/430/900MHz	2/3.4/5.5dbi	10W FM	47cm	100g	BNC	1/4λ (144MHz), C-Phase radialless (430MHz), 2X5/8λ C-Phase radialless (900MHz), 120 (Air Band) 150/300/450/800MHz for receiving only
CH75	144/430MHz	0/3.2dbi	20W FM	39cm	43g	BNC	1/4λ (144MHz), 1/2λ radialless (430MHz), 120 (Air Band) 150/300/450/800/900MHz for receiving only
CH99	70-1000MHz	2.15dbi	10W FM	19.5~113.5cm	65g	BNC	1/4λ (70-1000MHz), Telescopic whip antenna
RX Series							
RX5	144/430/900MHz	5.5dbi (MAX)	8W FM	45cm	30g	SMA	1/4λ (144MHz), C-Phase radialless (430MHz), 2X5/8λ C-Phase radialless (900MHz), 120 (Air Band) 150/300/450/800MHz for receiving only
RX7	144/430/900MHz	5.5dbi (MAX)	8W FM	45cm	40g	BNC	1/4λ (144MHz), C-Phase radialless (430MHz), 2X5/8λ C-Phase radialless (900MHz), 120 (Air Band) 150/300/450/800MHz for receiving only
BNC Series							
BNC242	144/430MHz	—	10W	20cm	19g	BNC	1/4λ (144/430MHz), 120 (Air Band) 150/300/450/800MHz for receiving only
BNC246	144/430MHz	2.15dbi (430)	10W	38cm	19g	BNC	1/4λ (144MHz), 1/2λ (430MHz), 120 (Air Band) 150/300/450/800MHz for receiving only
BNC24	144/430MHz	2.15/3.4dbi	20W	43cm	8g	BNC	1/4λ (144MHz), 1/2λ radialless (430MHz), 120 (Air Band) 150/300/450/800/900MHz for receiving only, Super Flexible alloy element
SH Series							
SH55	144/430MHz	1.5/3.2dbi	10W FM	38cm	37g	BNC	1/4λ (144MHz), 1/2λ radialless (430MHz), 120 (Air Band) 150/300/450/800/900MHz for receiving only
SH85	144/430/900MHz	1.2/1.7/3.4dbi	10W FM	25cm	36g	BNC	1/4λ (144/430MHz), 120 (Air Band) 150/300/450/800MHz for receiving only
SMA Series							
SMA3	144/430/900MHz	2.15dbi (900)	10W FM	25cm	30g	SMA	1/4λ (144/430MHz), 1/2λ (900MHz), 120 (Air Band) 150/300/450/800MHz for receiving only
SMA501	144/430MHz	—	8W FM	4.6cm	15g	SMA	1/4λ, 120 (Air Band) 150/300/450/800MHz for receiving only
SMA503	144/430MHz	—	10W FM	22cm	12g	SMA	1/4λ (144MHz), 1/4λ (430MHz), 120 (Air Band) 150/300/450/800MHz for receiving only
SMA24	144/430MHz	2.15dbi	20W FM	43cm	8g	SMA	1/4λ (144MHz), 1/2λ radialless (430MHz), radialless, 120 (Air Band) 150/300/450/800/900MHz for receiving only, Super Flexible alloy element
SMA701	144/430/1200MHz	—	8W FM	4.6cm	15g	SMA	1/4λ, 120 (Air Band) 150/300/450/800MHz for receiving only
SMA703	144/430/1200MHz	2.15dbi (1200)	10W FM	17cm	11g	SMA	1/4λ (144MHz), 1/4λ (430MHz), 1/2λ (1200MHz), 120 (Air Band) 150/300/450/800MHz for receiving only
SMA99	70-1000MHz	2.15dbi	10W FM	19.5~113.5cm	65g	SMA	1/4λ (70-1000MHz), Telescopic whip antenna
Air Band Antenna							
AB1230H	108~140MHz (VHF), 220~400MHz (UHF) 2.15dbi (300MHz)	—	—	30cm	30g	BNC-P	1/4λ (120MHz), 1/2λ (300MHz)

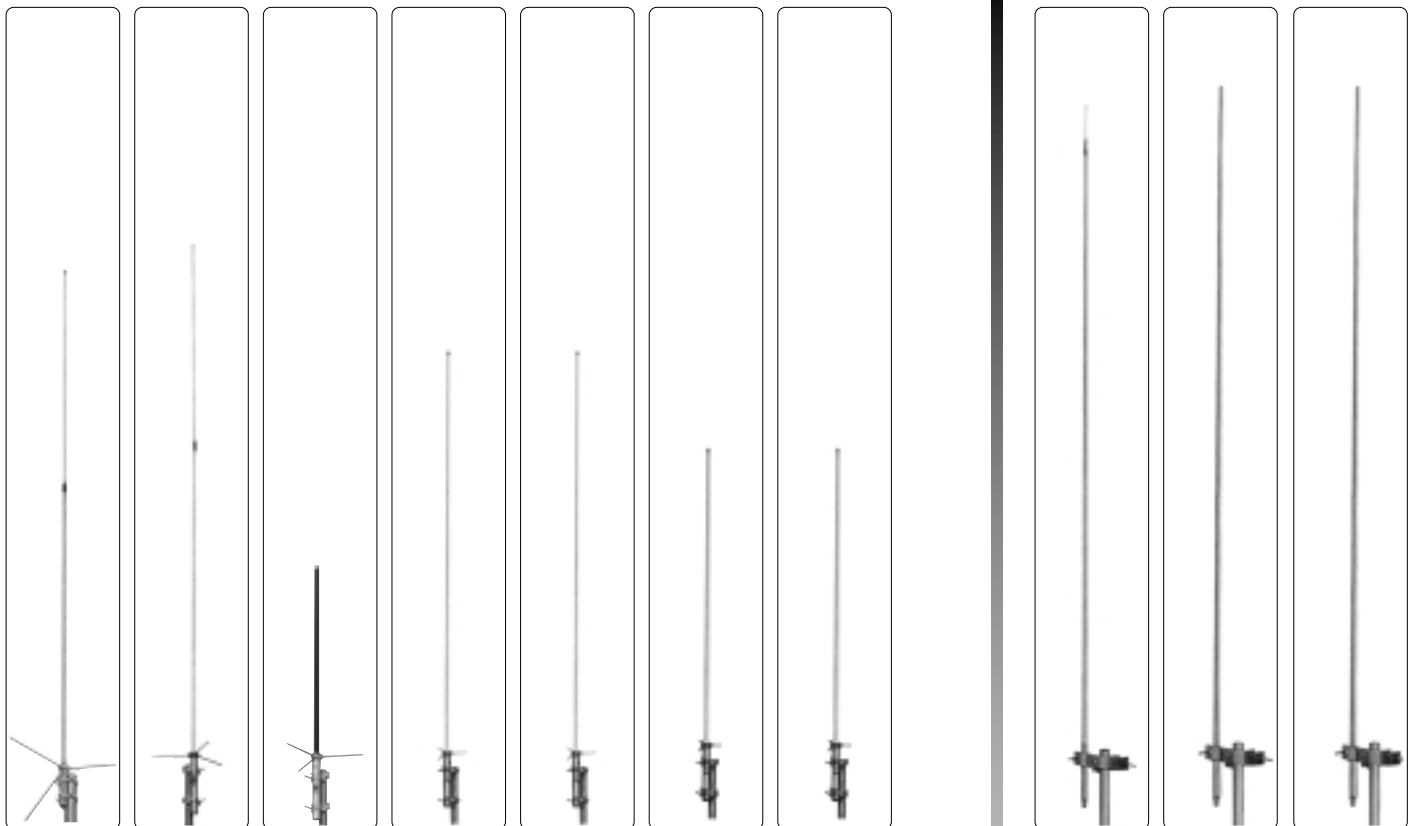
STATION

V/UHF Fixed Station Antenna



GP9M GP9N GP6 GP5 GP3 GP1 CA2×4CX GP15 GP93 GP95 GP98

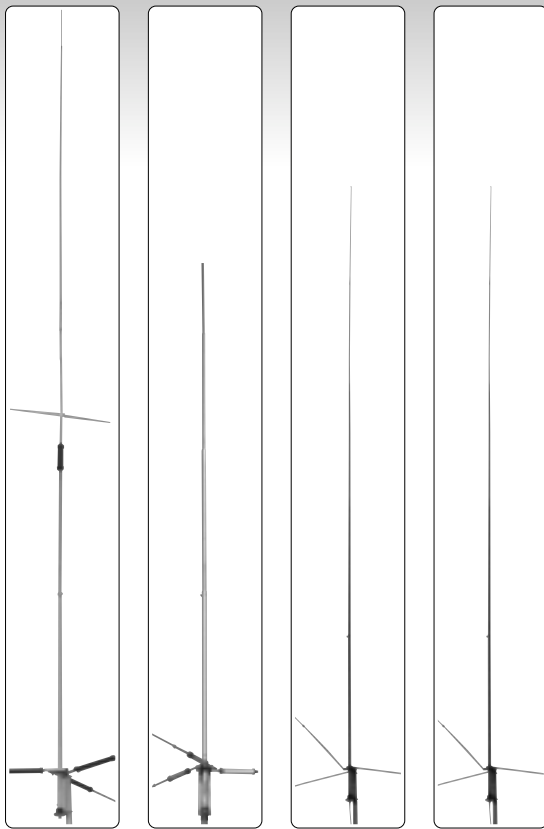
V/UHF Marine Fixed Station Antenna 125-100φ with Stainless bracket base



CA-ABC22a CA-712EF CFC7-71 KP-20 GP-21 GP-24 GP-2413 GH50 GH70 GH80

HF Station Antenna

BROAD BAND

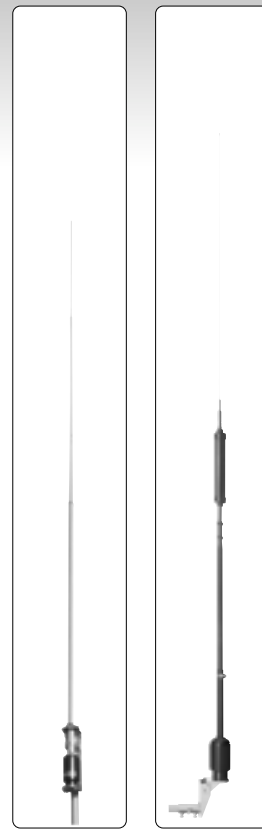


CHA7000

CHA2100

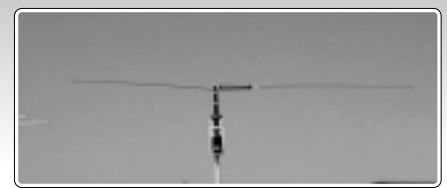
CHA2800

CHA2900



CHA250BXII

CHA-260



VA250

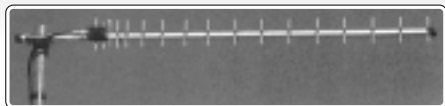


CUM-B

Model	Frequency	Gain	Max.power rating	Length	Radila Length	Weight	Rated wind velocity	Mast diameter accepted	Conne-cter	Type
V/UHF Fixed Station Antenna										
GP9M	144/430MHz	8.5/11.5dbi	200W SSB	5.15m	49cm	2.2kg	30m/sec.	30-62	MJ	3X5/8λ C-phase (144MHz) 8X5/8λ C-phase (430MHz) FRP outershell
GP9N	144/430MHz	8.5/11.5dbi	200W SSB	5.15m	49cm	2.2kg	30m/sec.	30-62	NJ	3X5/8λ C-phase (144MHz) 8X5/8λ C-phase (430MHz) FRP outershell
GP6	144/430MHz	6.5/9.0dbi	200W SSB	3.07m	49cm	1.6kg	40m/sec.	30-62	MJ	2X5/8λ C-phase (144MHz) 5X5/8λ (430MHz) FRP outershell
GP5	144/430MHz	6.0/8.6dbi	200W SSB	2.42m	49cm	1.27kg	50m/sec.	30-62	MJ	2X5/8λ (144MHz) 4X5/8λ (430MHz) FRP outershell
GP3	144/430MHz	4.5/7.2dbi	200W SSB	1.78m	17cm	1.16kg	60m/sec.	30-62	MJ	2X6/8λ C-phase (144MHz) 3X5/8λ (430MHz) FRP outershell
GP1	144/430MHz	3.0/6.0dbi	200W SSB	1.25m	17cm	0.89kg	60m/sec.	30-62	MJ	1/2λ (144MHz) 2X5/8λ (430MHz) FRP outershell
CA2X4CX	144/430MHz	3.5/6.0dbi	100W FM	1.29m	-	0.78kg	60m/sec.	30-62	MJ	1/2λ radialless (144MHz) 2X5/8λ radialless (430MHz) FRP outershell
GP15	50/144/430MHz	3.0/6.2/8.6dbi	300W SSB	2.42m	approx. 1.1m	1.2kg	50m/sec.	30-62	MJ	5/8λ (50MHz) 2X5/8λ (144MHz) 4X5/8λ (430MHz) FRP outershell
GP93	144/430/1200MHz	4.5/7.2/10.0dbi	300W (144MHz) SSB 200W (430/1200MHz) SSB	1.78m	17cm	1.15kg	60m/sec.	30-62	NJ	5/8λ C-phase (144MHz) 3X5/8λ (430MHz) 6X5/8λ (1200MHz) FRP outershell
GP95	144/430/1200MHz	6.0/8.6/12.8dbi	300W (144/1200MHz) SSB 200W (430MHz) SSB	2.42m	49cm	1.28kg	50m/sec.	30-62	NJ	2X5/8λ (144MHz) 4X5/8λ (430MHz) 9X5/8λ (1200MHz) FRP outershell
GP98	144/430/1200MHz	6.5/9.0/13.5dbi	300W (144/430MHz) SSB 200W (1200MHz) SSB	2.94m	49cm	1.5kg	40m/sec.	30-62	NJ	2X5/8λ C-phase (144MHz) 5X5/8λ C-phase (430MHz) 12X5/8λ (1200MHz) FRP outershell
CA-ABC22a	144MHz	6.5dbi	200W SSB	2.87m	49cm	1.1kg	30m/sec.	30-62	MJ	2X5/8λ
CA-712EF	430MHz	9.8dbi	200W SSB	3.18m	17cm	1.26kg	40m/sec.	30-62	MJ	12X1/2λ FRP outershell
CFC7-71	800/900MHz	7~7.14dbi	50W	1.32m	8cm	460g	60m/sec.	30-62	NJ	7X1/2λ FRP outershell
KP-20	800/900MHz	7~7.14dbi	50W	1.32m	8cm	460g	50m/sec.	30-62	NJ	8X5/8λ FRP outershell
GP-21	1200MHz	14.9dbi	100W FM	2.42m	7.5cm	1.2kg	50m/sec.	30-62	NJ	21X1/2λ FRP outershell
GP-24	2400MHz	15.4dbi	100W FM	1.78m	4cm	1.16kg	60m/sec.	30-62	NJ	22X1/2λ FRP outershell
GP-2413	2400MHz	10.0dbi	100W FM	1.08m	4cm	750g	60m/sec.	30-62	NJ	13X1/2λ FRP outershell
V/UHF Marine Fixed Station Antenna (25-100φ with Stainless bracket base)										
GH50	50MHz	2.15dbi	120W SSB	2.4m	-	1.2kg	40m/sec.	25-95	MJ	1/2λ radialless FRP outershell
GH70	144/430MHz	4.5/7.2dbi	200W SSB	2.25m	-	1.15kg	45m/sec.	25-95	MJ	6/8λ radialless (144MHz) 3X5/8λ radialless (430MHz) FRP outershell
GH80	430/1200MHz	8.6/8.6dbi	200W (430MHz) SSB 100W (1200MHz) SSB	2.25m	-	1.15kg	45m/sec.	25-95	NJ	4X5/8λ radialless (430MHz) 4X5/8λ radialless (1200MHz) FRP outershell
HF Station Antenna										
CHA7000	7MHz	-	1KW SSB	8.27m	1.92m	4.5kg	30m/sec.	30-72	MJ	5/8λ
CHA2100	21MHz	3.2dbi	1KW SSB	8.4m	1m	37.kg	30m/sec.	30-72	MJ	5/8λ
CHA2800	28MHz	3.2dbi	1KW SSB	6.72m	2.9m	3.5kg	30m/sec.	30-72	MJ	5/8λ
CHA2900	29MHz	3.2dbi	1KW SSB	6.4m	2.9m	3.5kg	30m/sec.	30-72	MJ	5/8λ
BROAD BAND										
CHA250BX II	Transmission:3.5~57MHz Reception:2.0~90MHz	-	250W SSB	7.13m	-	approx. 3.2kg	30m/sec.	30-72	MJ	Impedance:50Ω VSWR:Less than 1.5
CHA-260	Transmission:7&54MHz,144MHz Reception:3.0~460MHz	-	200W SSB (7&54MHz) 50W SSB (144MHz)	2.25m	-	1.75kg	-	-	MJ	Impedance:50Ω VSWR:Less than 1.5 108~140MHz/220~460MHz Ideally for air band
CUM-B	-	-	-	-	-	-	-	-	-	Bracket for CHA-260
VA250	Transmission:3.5MHz~54MHz Reception:2.0~90MHz	-	200W SSB	2.6m	-	2.36kg	40m/sec.	30-72	MJ	Impedance:50Ω VSWR:Less than 1.5 Height:0.66m (Max)

BEAM & DIPOLE

V/UHF YAGI Station Antenna



CYA-1216E



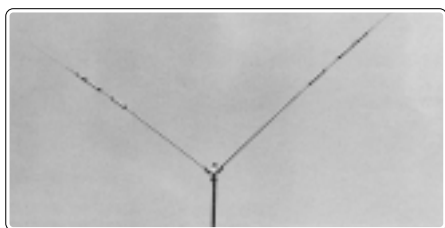
CA-52HB2



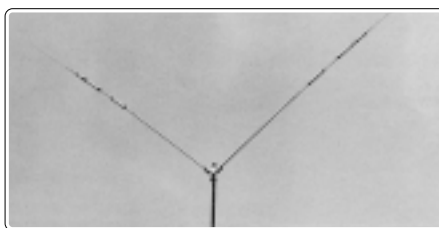
CA-52HB4

Model	Frequency	Gain	Max.power rating	Dimensions	Weight	Wind surface area	Mast diameter accepted	Connector	Type
V/UHF YAGI Station Antenna									
CYA-1216E	1200MHz	16.6dbi	100W FM/200W SSB	0.75x1.36x0.8m	0.64kg	0.04m ²	25-65	NJ	16-elements single antenna.Turning radius 1.3m
CA-52HB2	50-53MHz (Center frequency without adjustment is set to 51MHz)	6.3dbi	400W SSB	0.75x2.97x0.8m	0.91kg	0.054m ²	25-65	MJ	2-elements beam antenna.Turning radius 1.54m
CA-52HB4	50-53MHz (Center frequency without adjustment is set to 51MHz)	10.4dbi	400wW SSB	3.2x2.97x0.8m	2.1kg	0.19m ²	25-65	MJ	4-elements beam antenna.Turning radius 2.22m

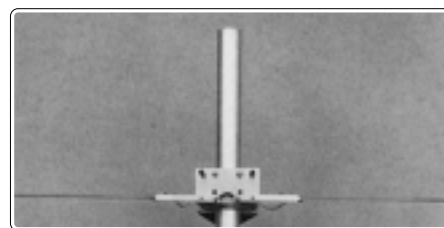
HF Traped Diploe Antenna



H722



H422



H-D6



VA30

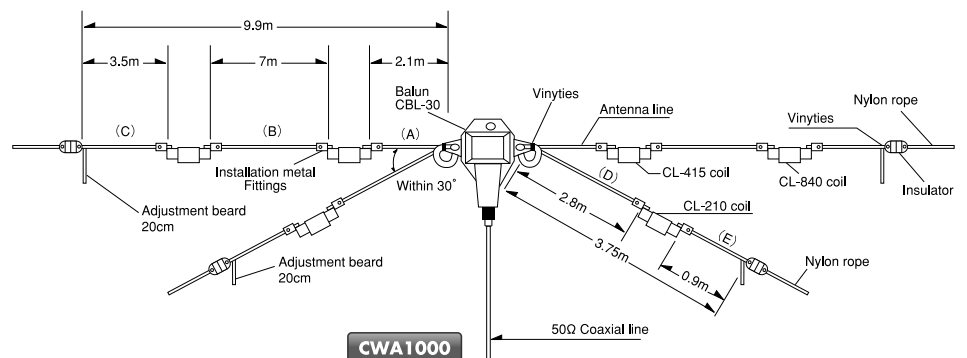
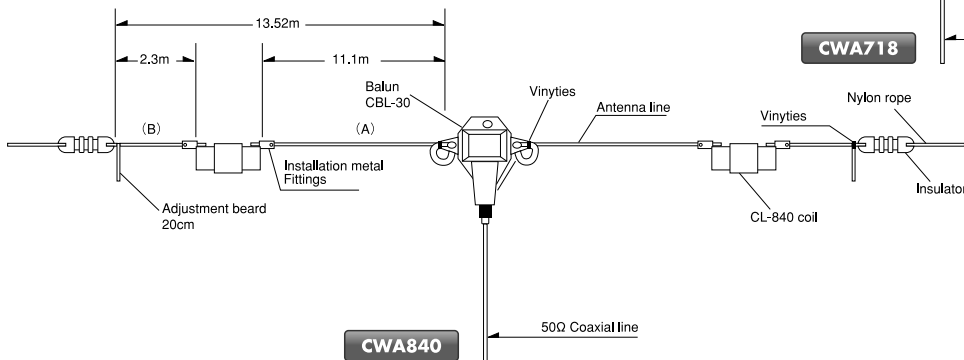
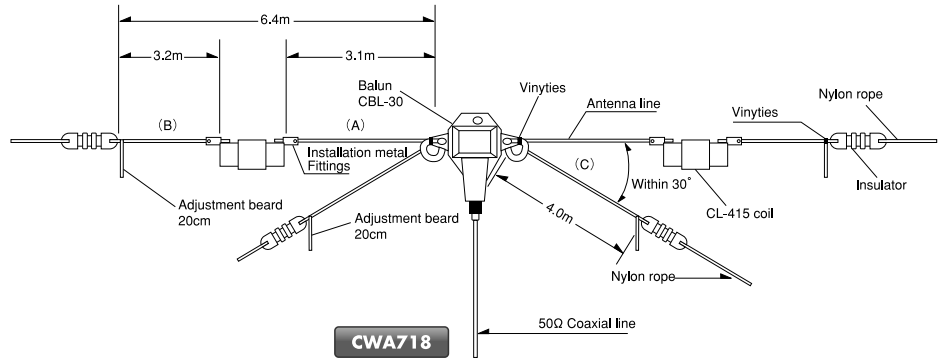
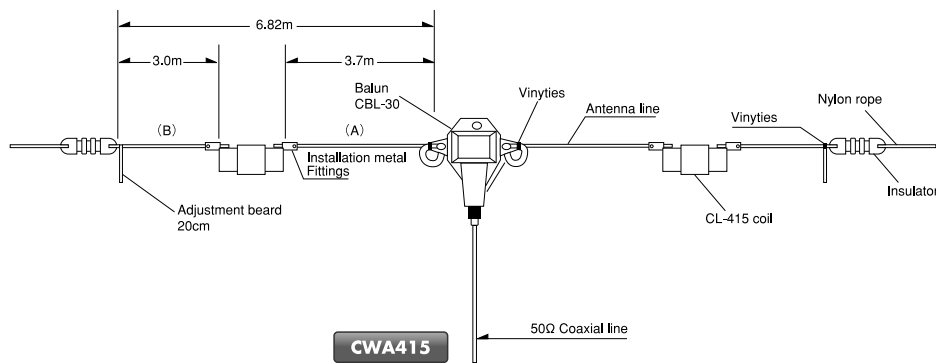
Model	Frequency	Gain	Max.power rating	Dimensions	Weight	Wind surface area	Mast diameter accepted	Connector	Type
HF Traped Diploe Antenna									
H722	7/21/28MHz (adjustment is only 7MHz)	—	1KW SSB	Horizontal-Dipole: 9.8m V-Dipole: 6.9m	4.8kg	0.26m ²	38-62	MJ	7/21/28MHz Dipole antenna
H422	7/14/21/28MHz (adjustment is only 7MHz)	—	1KW SSB	Horizontal-Dipole: 10.3m V-Dipole: 7.4m	5.4kg	0.28m ²	38-62	MJ	7/21/28MHz Dipole antenna
H-D6	50-53MHz	—	200W SSB	Horizontal-Dipole: 2.83m V-Dipole: 2.51m	250g	—	25-62	—	for H722 and H422 use
VA30	7/21/28MHz	—	120W (7/21) SSB 200W (28MHz) SSB	approx 3.0m	1.8kg	—	—	MJ	7/21/28MHz Dipole antenna

HF Wired Dipole Antenna



Model	Frequency	Max.power rating	Length	Conne-cter	Type
HF Wired Dipole Antenna					
CWA3.5	3.5MHz	1KW (PEP)	44m	MJ	
CWA3.5H	3.5MHz	2KW (PEP)	44m	MJ	Balun: CBL2000
CWA7	7MHz	1KW (PEP)	22m	MJ	
CWA7H	7MHz	2KW (PEP)	22m	MJ	Balun: CBL2000
CWA840	3.5/7MHz	500W (PEP)	27.2m	MJ	
CWA415	7/21MHz	500W (PEP)	13.8m	MJ	
CWA718	7/21/28MHz	500W (PEP)	13.8m	MJ	
CWA1000	3.5/7/14/21/28MHz	500W (PEP)	19.9m	MJ	

Assembly chart

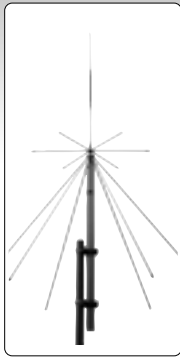


RECEIVING & DISCONE

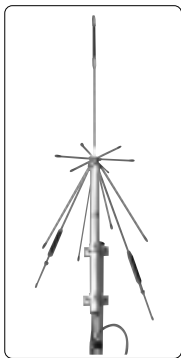
Discone Antenna



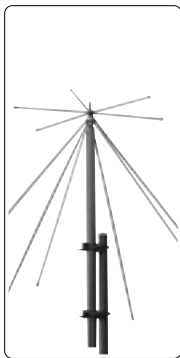
DS757



DS150S

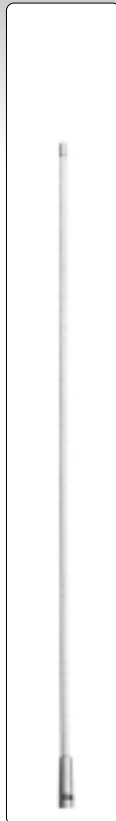


DS3000



DS747PRO

Receiving Antenna



BR20

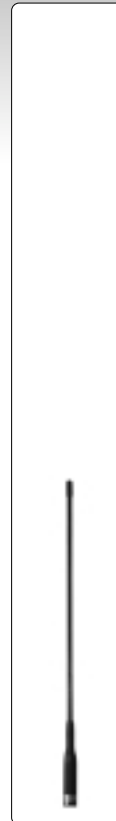


MR88

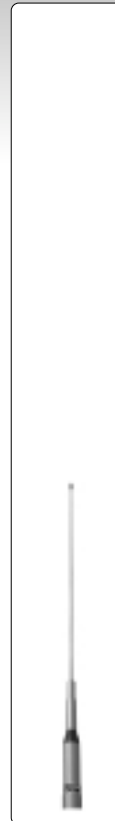


BR16

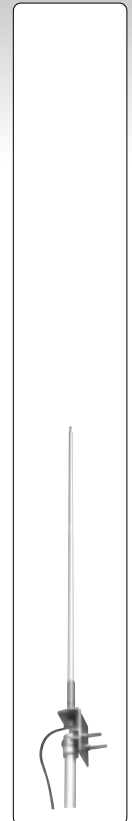
Air Band Antenna



AB1230H



AB1230M



AB380

Model	Frequency	Gain	Max.power rating	Length	Weight	Connector	Type
Discone Antenna							
DS757	100-450MHz for receiving 430MHz for transmitting	6.0dBi	300W	max.diameter:160mm	340g	MP	Discone Antenna (430MHz)
DS150S	25-1500MHz for receiving 50&144-1300MHz for transmitting	5.12dBi	100W	max.diameter:1040mm	1,45kg	MP	Discone Antenna (430MHz)
DS3000	75MHz-3GHz for receiving 144MHz-1.2GHz for transmitting	2.15/3.0/ 3.0/3.0dBi	50W	max.diameter:470mm	690g	MP	Discone Antenna (430MHz)
DS747PRO	108~900MHz	5.1dBi		max.diameter:1350mm	1.88kg	MP	Discone Antenna (430MHz)
Receiving Antenna							
BR20	0.5~1600MHz	25dBi (MAX)		1.05m	560g	MP	Receiving Antenna
MR88	0.5~1600MHz	25dBi (MAX)		0.96m	190g	MP	Receiving Antenna
BR16	0.5~1600MHz	25dBi (MAX)		1.4m	1.45kg	MP	Receiving Antenna
Air Band Antenna							
AB1230H	108~140MHz (VHF), 220~400MHz (UHF)			30cm	30g	BNC-P	Hand Held Antenna
AB1230M	108~140MHz (VHF), 220~400MHz (UHF)			58cm	140g	MP	Mobile Whip Antenna
AB380	108~140MHz (VHF), 220~400MHz (UHF)			1.17m	520g	MP	Station Antenna

CABLE ASSEMBLY

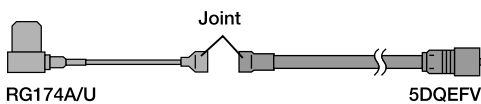
K Series Cable



Model	1.5DQEV	3.5DQEFV	5DQEFV	Length	Connector
K Series Cable					
3K054M	0.5m	3.5m	—	4m	MLJ-MP
3K055M	0.5m	4.5m	—	5m	MLJ-MP
3K153M	1.5m	1.5m	—	3m	MLJ-MP
3K154M	1.5m	2.5m	—	4m	MLJ-MP
3K155M	1.5m	3.5m	—	5m	MLJ-MP
5K053M	0.5m	—	2.5m	3m	MLJ-MP
5K054M	0.5m	—	3.5m	4m	MLJ-MP
5K055M	0.5m	—	4.5m	5m	MLJ-MP
5K104M	1m	—	3m	4m	MLJ-MP
5K105M	1m	—	4m	5m	MLJ-MP
5K106M	1m	—	5m	6m	MLJ-MP
5K154M	1.5m	—	2.5m	4m	MLJ-MP
5K155M	1.5m	—	3.5m	5m	MLJ-MP
5K156M	1.5m	—	4.5m	6m	MLJ-MP
5K204M	2m	—	2m	4m	MLJ-MP
5K205M	2m	—	3m	5m	MLJ-MP
5K206M	2m	—	4m	6m	MLJ-MP
5K207M	2m	—	5m	7m	MLJ-MP
5K255M	2.5m	—	2.5m	5m	MLJ-MP
5K256M	2.5m	—	3.5m	6m	MLJ-MP
5K103N	1m	—	2m	3m	NLJ-NP
5K104N	1m	—	3m	4m	NLJ-NP
5K105N	1m	—	4m	5m	NLJ-NP
5K105P	1m	—	4m	5m	MLJ-NP

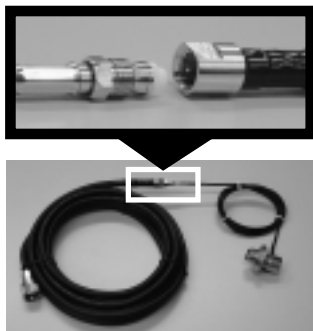
FS Series Mobile Coaxial Cable

FS Series Mobile Coaxial Cable



Model	RG174A/U	Connector
RG174A/U		
T0.6M	0.6m	MLJ-FMEJ
T1M	1.0m	MLJ-FMEJ
T1.5M	1.5m	MLJ-FMEJ
T2M	2.0m	MLJ-FMEJ
T0.6N	0.6m	NLJ-FMEJ
T1N	1.0m	NLJ-FMEJ
T1.5N	1.5m	NLJ-FMEJ
T2N	2.0m	NLJ-FMEJ

Quick Joint Mobile Cable Assembly



Model	5DQEFV	Connector
5DQEFV		
F525M	2.5m	FMEP-MP
F530M	3.0m	FMEP-MP
F535M	3.5m	FMEP-MP
F540M	4.0m	FMEP-MP
F545M	4.5m	FMEP-MP
F555M	5.5m	FMEP-MP
F525N	2.5m	FMEP-NP
F530N	3.0m	FMEP-NP
F535N	3.5m	FMEP-NP
F540N	4.0m	FMEP-NP
F545N	4.5m	FMEP-NP
F555N	5.5m	FMEP-NP

CABLE ASSEMBLY

Cable Set for Mbile Base



Model	Length	Connector
2D-LFB-S		
2DL1S	1m	MLJ-SMAP
2DL2S	2m	MLJ-SMAP
2DL3S	3m	MLJ-SMAP
2DL4S	4m	MLJ-SMAP
2DL5S	5m	MLJ-SMAP
2DL2M	2m	MLJ-MP
2DL3M	3m	MLJ-MP
2DL4M	4m	MLJ-MP
2DL5M	5m	MLJ-MP
2DL6M	6m	MLJ-MP
2DL1B	1m	MLJ-BNCP
2DL2B	2m	MLJ-BNCP
2DL3B	3m	MLJ-BNCP
2DL4B	4m	MLJ-BNCP
2DL5B	5m	MLJ-BNCP

Model	Length	Connector
3.5DQEFV		
3D3MB	3m	MLJ-MP
3D4MB	4m	MLJ-MP
3D5MB	5m	MLJ-MP
3D6MB	6m	MLJ-MP
3D4PB	4m	MLJ-NP
3D4NB	4m	NLJ-NP

Model	Length	Connector
5DQEFV		
5D3MB	3m	MLJ-MP
5D3PB	3m	MLJ-MP
5D3NB	3m	NLJ-NP
5D4MB	4m	MLJ-MP
5D4PB	4m	MLJ-NP
5D4NB	4m	NLJ-NP
5D5MB	5m	MLJ-MP
5D5PB	5m	MLJ-NP
5D5NB	5m	NLJ-NP
5D6MB	6m	MLJ-MP
5D6PB	6m	MLJ-NP
5D6NB	6m	NLJ-NP

TS Series Cable Set



Model	Length	Connector
Trunk Lid Base & Special Cable + 3.5DQEFV		
TS-3M	3m	MLJ-MP

Model	Length	Connector
Trunk Lid Base & Special Cable + 5DQEFV		
TS-5M	5m	MLJ-MP
TS-5P	5m	MLJ-NP
TS-5N	5m	NLJ-NP

GR Series Cable Set



A new connector fixation ring of three points of total structure get rid of the slack by the vibration of the car. Installation is possible only in an attached wrench.

Model	Length	Connector
5DQEFV(4.6m) + Special Cable(0.4m)		
GR5MB	5m	MLJ-MP

Cable Set for fixation



Model	Length	Connector	Frequency
5D2VV/5DFB			
5D2V	10m/15m/ 20m/25m/ 30m	MP-MP	HF~500MHz
5DFB	10m/15m/ 20m/25m/ 31m	MP-MP	HF~600MHz

Cable Set for Black Antenna



Model	Length	Connector
RS37 + Cable Set(1m)		
A37M	6m	ML-MP
A37B	6m	ML-BNCP

HF~500MHz Antenna Connector : Black 3.5DQFV + Special Cable

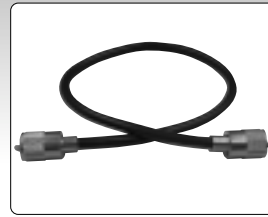
Conversion Cable



Model	Coaxial cable	Length
BNCP-MJ Conversion Cable		
HM-05	1.5DQEV	0.5m
HM-10	1.5DQEV	1.0m
SMAP-MJ Conversion Cable		
HS-05	1.5DQEV	0.5m
HS-10	1.5DQEV	1.0m

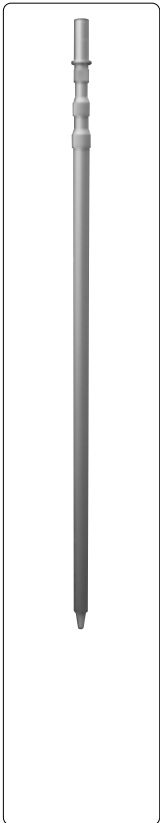
Using for connection with the handy transceiver

Connection Cable

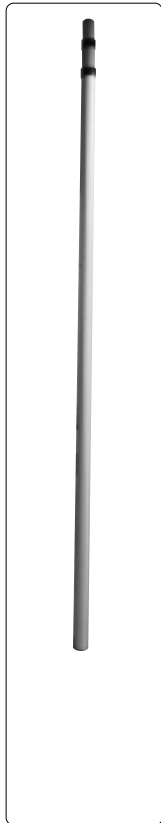


Model	Length	Connector	Coaxial cable
Connection Cable			
MM-50	50cm	MP-MP	5D2V
MM-80	80cm	MP-MP	5D2V
MM-100	100cm	MP-MP	5D2V

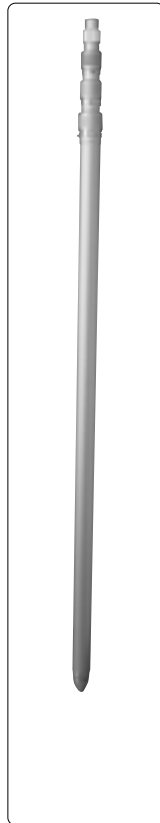
Pole



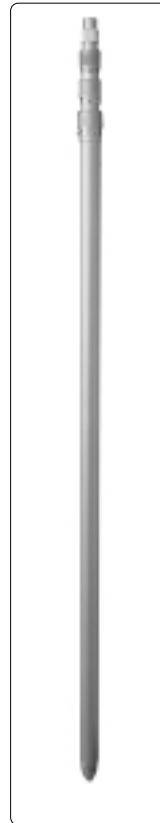
CP-45



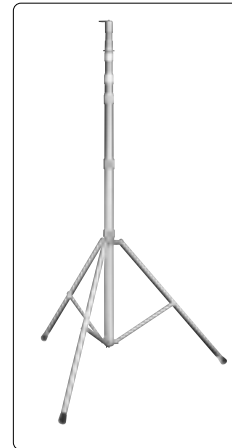
CP-54



CP-60L



CP-80



YS-45

YS-45 ... Tripod for exclusive use of CP-45

Model	Length	Weight
Pole		
CP-45	4.5m (4×1.36m)	1.38kg
CP-54	5m (3×1.95m)	2.19kg
CP-60L	6m (5×1.49m)	2.4kg
CP-80L	8.05m (6×1.72m)	about 3kg

MOUNT ASSEMBLY

Magnet Base



Model	3.5DQEFV	Diameter	Connector	Color
Compact size types				
BMG-M	4.1m	78mm	ML-MP	black type
BMG-P	3.9m	78mm	ML-NP	
BMG-N	4.1m	78mm	NL-NP	
BMG-B	3.7m	78mm	ML-BNC	
BMG-BB	3.2m	78mm	BL-BNC	
MG-SRM	4m	78mm	ML-MP	silver type
Large size type				
CA-MS2	—	110mm	—	—



Model	3.5DQEFV	Diameter	Connector
Large size types			
MG-4M	4m	110mm	MJ-MP
MG-5M	5m	110mm	MJ-MP
MG-6M	6m	110mm	MJ-MP
MG-7M	7m	110mm	MJ-MP
MG-4P	4m	110mm	MJ-NP
MG-4N	4m	110mm	NJ-NP
MG-4B	4m	110mm	MJ-BNC



Model	Diameter	Connector
3-axis adjustable type		
RMS	70mm	—

RMS

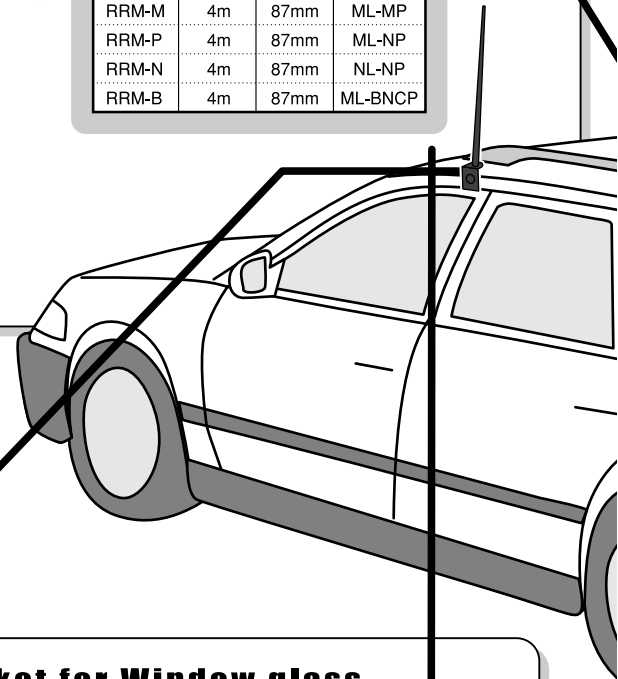


Model	2D-LFB-S	Diameter	Connector
Suction cup type			
RRM-M	4m	87mm	ML-MP
RRM-P	4m	87mm	ML-NP
RRM-N	4m	87mm	NL-NP
RRM-B	4m	87mm	ML-BNCP

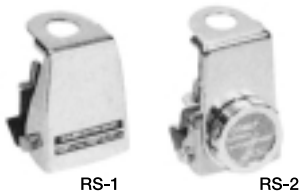


Model	RG-58A/U	Diameter	Connector
Compact strong magnet type			
CM5M	5m	131mm	MJ-MP

CM5M



Gutter Mount Antenna Bracket



RS-1

RS-2



RS-47

RS-500



RS-100

RS-200

RS-700

RS-710

Model	Size
Gutter Mount Antenna Bracket	
RS-1	50mm×62mm
RS-2	50mm×78mm
RS-47	45mm×67mm
RS-500	40mm×60mm
RS-100	89mm×96mm
RS-200	80mm×100mm
RS-700	52mm×70mm
RS-710	52mm×70mm

Bracket for Window glass

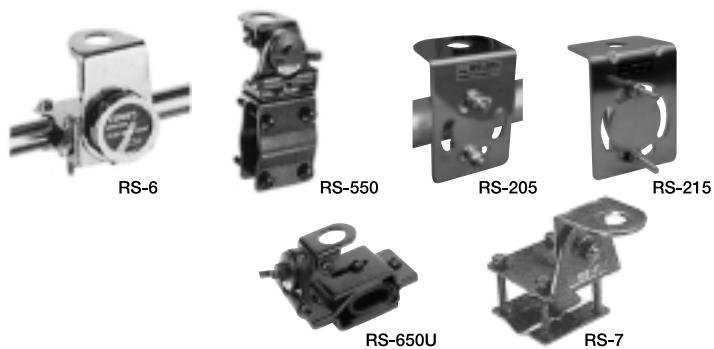


WEM



Model	Length	Connector	Coaxial Cable
Bracket for Window glass			
WS-1M	3.5m	MJ-MP	3.5DQEFV + special cable
WS-1B	3.5m	MJ-BNCP	3.5DQEFV + special cable
Mount Bracket			
WEM	—	—	—

Fold-over Compact Antenna Bracket



Model	Size
Fold-over Compact Antenna Bracket	
RS-6	40mm×28mm
RS-550	39mm×105mm
RS-205	60mm×87mm
RS-215	80mm×100mm
RS-650U	56mm×50mm
RS-7	52mm×43mm

Trunk Lid / Hatchback Door Mount Antenna Bracket

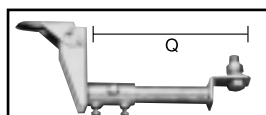


Model	Size
Trunk Lid / Hatchback Door Mount Antenna Bracket	
RS-37	45mm×55mm
RS-520	53mm×51mm
RS-720	53mm×64mm
RS-730	85mm×70mm
RS580	40mm×48.5mm
RS840	96mm×43mm
RS-530	70mm×56mm
CRD	118mm×15.5mm
CST-1	—
CST-2	—
CST-3	—
CST-5	—
CST-6	—
CST-7	—
CST-8	—

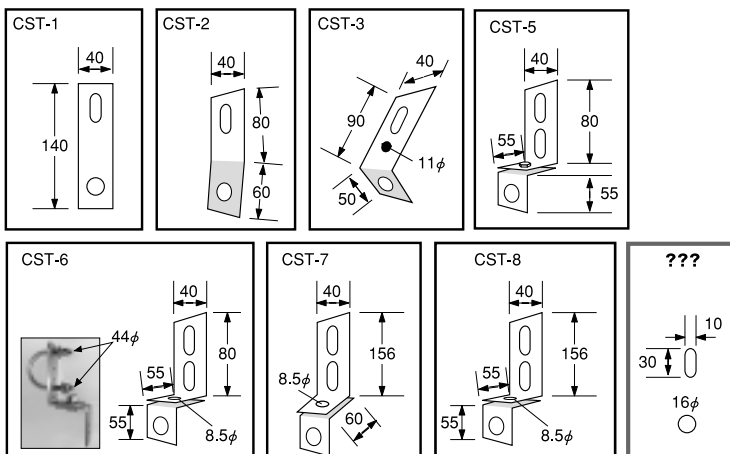
Radial mast



CMT-650



Model	Frequency	Length	Connector
Radial mast			
CMT-650	144~440MHz	0.65m	MP
R-50H	50MHz	0.57m	—
Mount Bracket			
UB-1	Q=20cm	—	—
UB-1L	Q=26cm	—	—



ACCESSORIES

Duplexer & Triplexer



CFX-431



CFX-514



CF-530



CF-706



CF-360



CF-413



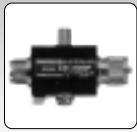
CF-416



CF-4160

Model	Frequency	Connector	Insertion loss	VSWR	Isolation	Power rating
Triplexer						
CFX-431A CFX-431B CFX-431D	144/430/ 1200MHz	<p>CFX-431A CFX-431B CFX-431D</p>	<p>1.3 to 150MHz:Less than 0.2dB 350 to 500MHz:Less than 0.3dB 840 to 1400MHz:Less than 0.4dB</p>	Less than 1:1.2	More than 50db	<p>1.3 to 60MHz:1000W (PEP) 100 to 150MHz:800W (PEP) 350 to 500MHz:500W (PEP) 840 to 1400MHz:200W (PEP)</p>
CFX-514 CFX-5140 CFX-514J CFX-514N	50/144/ 430MHz	<p>CFX-514 CFX-5140 CFX-514J CFX-514N</p>	<p>1.3 to 90MHz:Less than 0.2dB 130 to 200MHz:Less than 0.25dB 380 to 500MHz:Less than 0.3dB</p>	Less than 1:1.2	More than 55db	<p>1.3 to 90MHz:800W (PEP) 130 to 200MHz:800W (PEP) 380 to 500MHz:500W (PEP)</p>
Duplexer						
CF-530	50/144MHz		<p>1.3 to 90MHz:Less than 0.2dB 125 to 470MHz:Less than 0.3dB</p>	Less than 1.2	More than 45db	<p>1.3 to 30MHz:600W (PEP) 50/144MHz:600W (PEP)</p>
CF-706	50/144MHz		<p>1.3 to 57MHz:Less than 0.4dB 75 to 550MHz:Less than 0.4dB</p>	Less than 1.2	More than 40db	<p>50MHz:350W (PEP) 144MHz:350W (PEP)</p>
CF-360 CF-360B CF-306A CF-306B CF-306C	28/50MHz	<p>CF-360 CF-360B CF-306A CF-306B CF-306C</p>	<p>1.3 to 30MHz:Less than 0.2dB 49 to 470MHz:Less than 0.25dB</p>	Less than 1.2	More than 45db	<p>1.3 to 30MHz:600W (PEP) 50/144MHz:600W (PEP)</p>
CF-413B CF-413D	430/ 1200MHz	<p>CF-413B CF-413D</p>	<p>1.3 to 460MHz:Less than 0.25dB 840 to 1400MHz:Less than 0.4dB</p>	Less than 1.2	More than 55db	<p>1.3 to 150MHz:800W (PEP) 350 to 500MHz:500W (PEP) 840 to 1400MHz:200W (PEP)</p>
CF-416A CF-416B CF-416C	144/ 430MHz	<p>CF-416A CF-416B CF-416C</p>	<p>1.3 to 170MHz:Less than 0.15dB 350 to 540MHz:Less than 0.25dB</p>	Less than 1.2	More than 60db	<p>1.3 to 170MHz:800W (PEP) 350 to 540MHz:500W (PEP)</p>
CF-4160A CF-4160J	144/430MHz	<p>CF-4160A CF-4160J</p>	<p>1.3 to 170MHz:Less than 0.1dB 350 to 540MHz:Less than 0.2dB</p>	Less than 1.2	More than 60db	<p>1.3 to 170MHz:800W (PEP) 350 to 540MHz:500W (PEP)</p>

Surge Protector



CS-400P

Model	Frequency	Connector	Insertion loss	VSWR	Power rating	Dimensions	Weight	Impedance
Surge Protector								
CS-400R	DC to 500MHz	MJ-MJ	Less than 0.1dB	Less than 1.1	500W (PEP)	66×41×20mm	80g	50Ω
CS-400P	DC to 500MHz	MJ-MP	Less than 0.1dB	Less than 1.1	500W (PEP)	74×41×20mm	95g	50Ω
CS-290R	DC to 1500MHz	NJ-NJ	Less than 0.1dB	Less than 1.1	300W (PEP)	76×41×20mm	100g	50Ω
CS-290P	DC to 1500MHz	NJ-NP	Less than 0.1dB	Less than 1.1	300W (PEP)	86×41×20mm	130g	50Ω

Speaker



CSP-80



CSP-60



CSP-30



CB-980

Model	Power rating	Dimensions	Weight
Speaker			
CSP-80	10W (Max.input)	131W×106H×39Dmm	328g
CSP-60	8W (Max.input)	120W×97H×47Dmm	273g
CSP-30	5W (Max.input)	81W×78H×47Dmm	170g
CB-980	5W (Max.input)	110W×64H×55Dmm	278g

Coaxial Switch & Splitter/Combiner for Receiving



CSW-201G



CSW-201GN



CAS-900

Model	Frequency	Connector	Insertion loss	VSWR	Isolation	Power rating	Dimensions	Weight	Impedance
Coaxial Switch									
CSW-201G	DC to 600MHz	MJ	Less than 0.12dB	Less than 0.12	More than 60dB	DC to 30MHz:1500W (PEP) 30 to 150MHz:1000W (PEP) 150 to 600MHz:500W (PEP)	72×78×47mm	430g	50Ω
CSW-201GN	DC to 1800MHz	NJ	Less than 0.12dB	DC to 600MHz:Less than 1.2 600 to 1800MHz:Less than 1.3	DC to 600MHz:More than 60dB 600 to 1800MHz:More than 45dB	DC to 30MHz:1500W (PEP) 30 to 600MHz:500W (PEP) 600 to 1800MHz:150W (PEP)	72×78×47mm	430g	50Ω
Splitter/Combiner for Receiving									
CAS-900	0.1 to 900MHz	MJ×3	0.5dB typ.	Less than 1.5 (2.0 for 900MHz)	20dB typ.	—	90×27×88mm	170g	50Ω

ACCESSORIES

Dummy Load



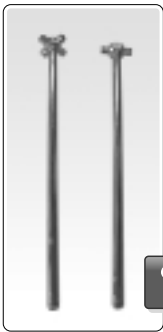
DL-1500C



D21M

Model	Frequency	Connector	Insertion loss	VSWR	Power rating	Dimensions	Impedance
Dummy Load							
D21M	DC to 600MHz	MP	—	Less than 1.15	15W (VAG) /100W (PEP)	—	50Ω
DL-1500C	0.3 to 600MHz	MJ	Less than 0.12dB	—	1500W (10sec) /500W (40sec)	100X150X280mm	50Ω
DL-1500CN	0.3 to 600MHz	NJ	Less than 0.12dB	—	1500W (10sec) /500W (40sec)	100X150X280mm	50Ω

Coaxial distributor



CA-144N4/
CA144N2



CA-430N4/
CA-430N2



CA-1200N4/
CA1200N2



CA-2400N2

Model	Frequency	Power rating	Impedance
Coaxial distributor			
CA-1200N2	1260 to 1300MHz	300W	50Ω
CA-430N2	430 to 450MHz	500W	50Ω
CA-144N2	144 to 148MHz	1KW	50Ω
CA-1200N4	1260 to 1300MHz	300W	50Ω
CA-430N4	430 to 450MHz	500W	50Ω
CA-144N4	144 to 148MHz	1KW	50Ω
CA-2400N2	2400 to 2500MHz	200W	50Ω

Filter



TRF 30

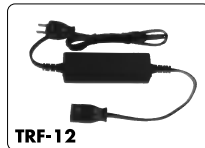
TF-5000



LPF50L



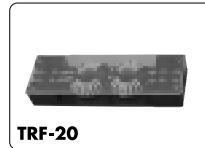
TF-400



TRF-12



TRF-15



TRF-20

Model	Frequency	Connector	Power rating	Impedance	Type
Filter					
LPF30L	1.3 to 30MHz	MJ	300W/A3J (SSB) ,150W/F3 (FM)	50Ω	
LPF50L	1.3 to 55MHz	MJ	300W/A3J (SSB) ,150W/F3 (FM)	50Ω	
CF-30S	Cutoff 32MHz	MJ	150W (CW)	50Ω	
CF-50S	Cutoff 57MHz	MJ	150W (CW)	50Ω	
CF-30MR	Cutoff 32MHz	MJ	1KW (CW)	50Ω	
CF-50MR	Cutoff 57MHz	MJ	1KW (PEP)	50Ω	
TF-400	1.3 to 500MHz	MJ	400W (Less than 30MHz)	50Ω	Diameter:40mm, Length:350mm
TF-1800	1.3 to 500MHz	MJ	800W (Less than 30MHz)	50Ω	Diameter:40mm, Length:350mm
TF-5000	1.3 to 500MHz	MJ	5KW (Less than 30MHz)	50Ω	Diameter:54mm, Length:322mm
TRF-12	—	—	—	—	AC/DC line filter for 12A (outlet type)
TRF-15	—	—	—	—	AC/DC line filter for 15A
TRF-20	—	—	—	—	AC/DC line filter for 20A
TRF-30	—	—	—	—	AC/DC:30Amax

Switching Power Supply & DC Regulator



CPS3200



CDC3200



CDC1600

Model	Input Voltage	Output Voltage	Output Voltage	Dimensions	Weight	Type
Switching Power Supply & DC Regulator						
CPS3200	AC90 to 120V (50/60Hz)	DC5 to 15V (variable)	30A (continuous)	D205×W162×H87mm	about 2.0kg	Constant voltage stabilization power supply
CDC3200	DC24V	13.8V	30A (continuous)	D205×W162×H87mm	1.9kg	DC to DC Converter
CDC1600	DC24V	13.8V	15A (continuous)	D150×W150×H70mm	1kg	DC to DC Converter

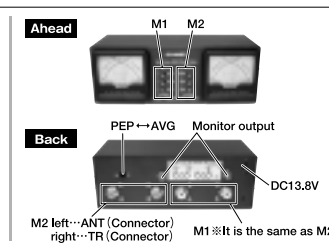
SWR/POWER Meter



CMX-1



CMX2300 T

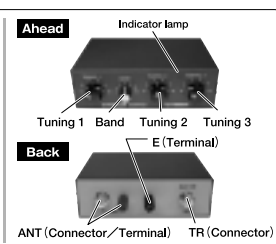


Model	Frequency	Connector	Insertion loss	SWR	Power display rating	Accuracy of full scale	Minimum power at SWR measurement	Dimensions	Weight	Impedance	Power supply	Current	Type
SWR/POWER Meter													
CMX-1	1.8 to 60MHz	M	Less than 0.2dB	1.0 to ∞	30/300/3KW	±10%	6W	D43×W120×H80mm	230g	50Ω	DC11 to 15V (350mA)	0 to 2KW	
CMX2300 T	1.8to200MHz (M1) 140to525MHz (M2)	M	Less than 0.2dB Less than 0.3dB	1.0 to ∞	30/300/3kw (M1) 20/50/200w (M2)	±10%	6W	D125×W250×H100mm	1.4kg	50Ω	DC13.8V	0 to 2KW 0 to 200W	Display illumination 12V

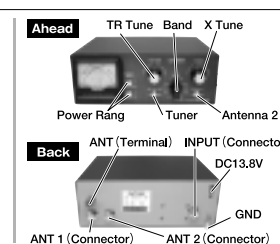
Antenna Coupler & Tuner



CAT10



CAT300



Model	Frequency	Input impedance	Output impedance	Power rating	Connector	Minimum power at SWR measurement	Domention	Weight	Poewr supply	Type
Antenna Coupler & Tuner										
CAT10	3.5to50MHz	50~600Ω	50Ω	10W	MJ	1W	D120×W162×H58mm	900g	—	
CAT300	1.8to60MHz	10~600Ω	50Ω	300W	MJ	6W	D240×W255×H97mm	2.6Kg	DC13.8V	Display illumination 12V

ACCESSORIES

Handheld Transceivers

Earphone Mic



CEM100



CEM200



CEM195



CEM-295



CEM450



ML900

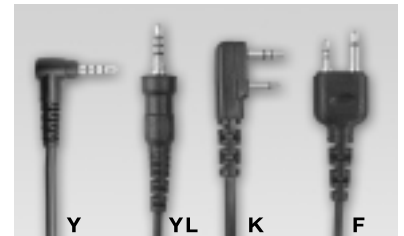


CNM300



CTM480

■ Connector



F: for ICOM, ALINCO
 K: for KENWOOD
 Y: for YAESU
 YL: for STANDARD

Model	Connector				Frequency	Power	Impedance	Slide Lock PTT Switch	Remote PTT Switch
	F	K	Y	YL					
CEM100	○	○	○	○	20Hz to 20KHz (Microphone) /450Hz to 20KHz (Earphone)	50mW	32Ω	—	—
CEM200	○	○	○	○	20Hz to 20KHz (Microphone) /300Hz to 7500Hz (Earphone)	500mW	32Ω	—	—
CEM195	○	○	○	○	20Hz to 20KHz (Microphone) /450Hz to 20KHz (Earphone)	30mW	32Ω	○	—
CEM295	○	○	○	○	20Hz to 20KHz (Microphone) /300Hz to 7500Hz (Earphone)	500mW	32Ω	○	—
CEM450	○	○	○	○	20Hz to 20KHz (Microphone) /750Hz to 9300Hz (Earphone)	30mW	110Ω	—	—
ML900	○	○	—	○	—	—	8Ω	—	○
CNM300	○	○	○	—	20Hz to 20KHz (Microphone) /450Hz to 20KHz (Earphone)	30mW	32Ω	○	—
CTM480	○	○	○	○	1.2 to 12KHz (SP) /50 to 12KHz (MIC)	—	110Ω (KENWOOD) 16Ω (Other)	○	○

Earphone



CEP400F/K

Frequency:750 to 9300Hz (Earphone)
Power:30mW
Impedance:110Ω



CEP500F/K (PAT.P)

Frequency:750 to 9300Hz
Power:30mW Max. Impedance:110Ω



H250F/K (PAT.P)

Frequency:750 to 20000Hz
Power:50mW Max.
Impedance:32Ω



H-200F/K

Power:0.5W
Impedance:32Ω
Length:0.9m



H-20F/H-20K/H-20YL

Power:0.1W Impedance:36Ω
Length:1m

Remote PTT Switch



PS8



PS8F



PS8R



PS8RC

Handy Mic



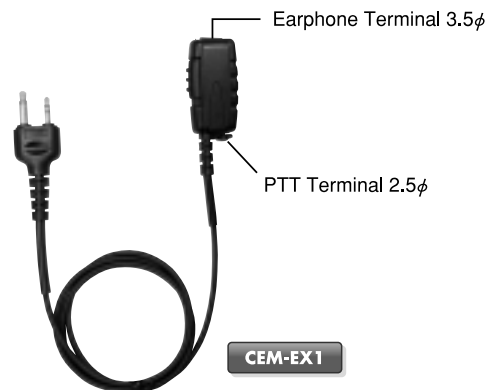
HM-M40

Length:1.2m



HM-S9

Connector with Mic



CEM-EX1

Model	Connector				Frequency	Power	Impedance	Slide Lock PTT Switch	Remote PTT Switch	Earphone	Type
	F	K	Y	YL							
HM-S9	○	○	○	—	—	200mW	8Ω (SP)/1KΩ (MIC)	—	—	○	Five kinds of earphone that can be chosen CEP400K/CEP500K/H20K/H200K/H250K
CEM-EX1	○	○	○	○	20Hz to 20KHz	—	—	○	○	○	Five kinds of earphone that can be chosen CEP400F/CEP500F/H20F/H200F/H250F



<http://www.comet-ant.co.jp/>

Any inquiry to;COMET CO.,LTD
18-2, 4-CHOME, TSUJI, MINAMI-KU, SAITAMA-CITY, SAITAMA-PREF, 336-0026 JAPAN
TEL:+81 (0) 48-839-3131 FAX:+81 (0) 48-839-3136
BRANCHES:SAPPORO.SENDAI,NAGOYA,OSAKA,FUKUOKA