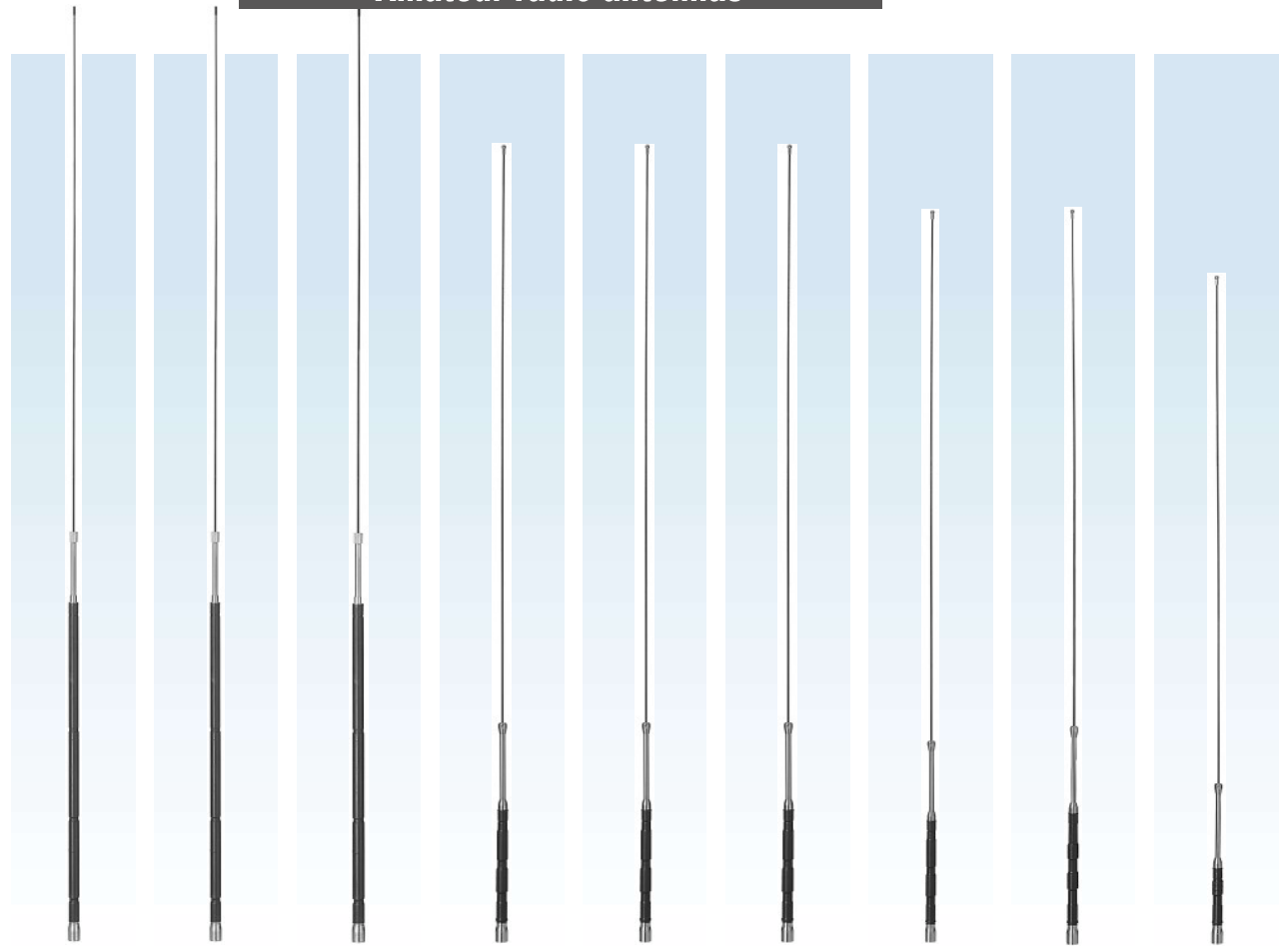


Amateur radio antennas



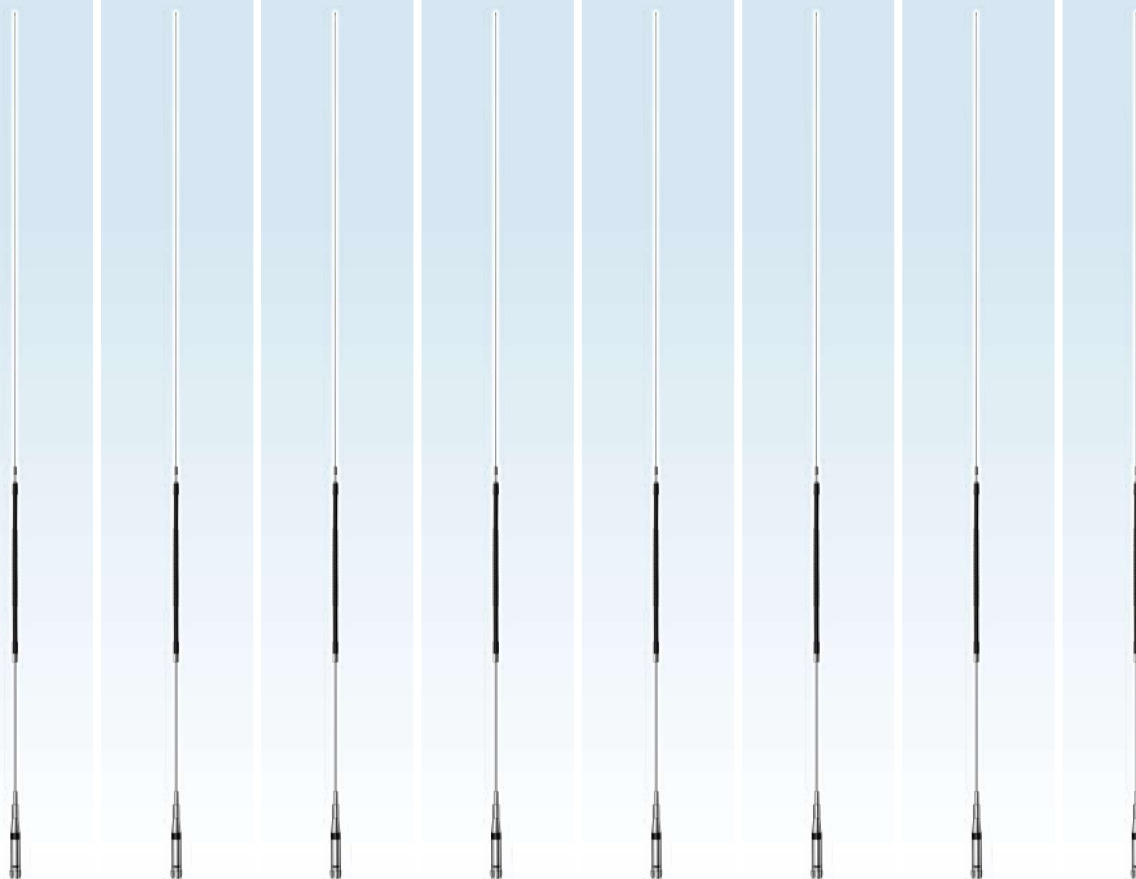
HF80FX HF40FXW HF30FX HF20FX HF16FX HF15FX HF12FX HF10FX HF6FX

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

Amateur radio antennas

**HF/VHF
Center
Loading
Mobile Antenna**



HF80CL

HF40CL

HF30CL

HF6CL

HF20CL

HF16CL

HF15CL

HF10CL

Model	Frequency	Gain	Max.power rating	Length	Weight	Connector	Type
HF/VHF Center Loading Mobile Antenna							
HF80CL	3.5MHz (80m)	-	120W(SSB), 40W(FM)	2.22m	590g	MP	1/4 wave center loading
HF40CL	7MHz (40m)	-	200W(SSB), 70W(FM)	2.2m	590g	MP	1/4 wave center loading
HF30CL	10MHz(30m)	-	200W(SSB), 70W(CW)	2.2m	590g	MP	1/4λ center loading
HF6CL	50MHz (6m)	2.15dBi	250W(SSB), 80W(FM)	2.2m	550g	MP	1/2 wave radialless center loading
HF20CL	14MHz (20m)	-	200W(SSB), 70W(FM)	2.2m	560g	MP	1/4 wave center loading
HF16CL	18MHz (16m)	-	200W(SSB), 70W(FM)	2.2m	555g	MP	1/4 wave center loading
HF15CL	21MHz (15m)	-	200W(SSB), 70W(FM)	2.2m	550g	MP	1/4 wave center loading
HF10CL	28MHz (10m)	-	200W(SSB), 70W(FM)	2.2m	550g	MP	1/4 wave center loading

* Impedance : 50Ω, VSWR : Less than 1.5