Telescopic Indoor FM Antenna

Model :	**FT-01**
Product Name :	**Telescopic Indoor FM Antenna**
Description	**Telescope Type Telescopic Indoor FM Antenna for 1mw-5w FM Transmitter**

Features:

- Telescopic indoor FM antenna is designed for FM transmitters from 1mw to 5w, by connecting to the back of the transmitter device.
- It will help transmit the signals out from the transmitter, and you can receive the signals with a FM receiver like FM radio, you will hear the sound broadcasted out from the FM transmitter.

Technical Specification:

Frequency	87MHz
Gain	2.5dB
Connecting port	BNC
SWR	1.5
Power Capacity	7W
Antenna Length	72.6 cm
Material	Copper

Rubber Ducky FM Antenna

Model :	**BNC-01**
Product Name :	**Rubber Ducky Antenna**
Description	**Low Power FM transmitter,0~1W power adjustable, software control. Stereo/Mono.**

Features:

- Rubber ducky antenna is designed for FM transmitters from 1mw to 5w, by connecting to the back of the transmitter device.
- It will help transmit the signals out from the transmitter, and you can receive the signals with a FM receiver like FM radio, you will hear the sound broadcasted out from the FM transmitter.

Technical Specification:

Frequency	98mhz
Resistance	50 ohm
Connecting port	BNC
Applicable power	1mw~5w (if no more than 2w, it will perform at best potential)

CA200 Car Sucker FM antenna

Model :	**CA200**
Product Name :	**CA200 Car Sucker FM antenna**
Description	**CA200 is a high quality Car Sucker FM Antenna with adjustable frequency from 76-108mhz.**

Features:

- Frequency: 76-108mhz adjustable.
- RF power: 150watt.
- Bendable in connecting part.
- 8 meters SYV-50-5 Pure Copper RF feeder cable.
- Screw in and out to adjust frequency.
- Stainless steel material, anti-rust.

Technical Specification:

Frequency Range	76~108 MHz
Band Width	6 MHz
VSWR	<1.5
Impedance	50Ω
Gain	3 dBi
Polarization	Vertical
Radiation	Full direction Omni
Lighting Protection	Direct Ground
Maximum Power Input-watts	150 W
Height	724±5 mm(adjustable by frequency)
Antenna Connector	BNC-female
Radiating Element Material	Stainless Steel
Weight	400g

CA200 Car Sucker FM antenna

GP100 1/4 wave FM GP Antenna

Model :	**GP100**
Product Name :	**GP100 1/4 wave Professional GP Antenna**
Description	1.This is the most commonly used 1/4 wave GP antenna for low power FM transmitters. 2. It is easy to operate, frequency can be adjusted very conveniently 3. It's made of Aluminum, thus it's Anti-rain, Anti-rust.

Features:

- This is a comparison between 1/4 wave antenna and normal antenna.
- The one in the left is our 1/4 wave antenna and the one on right is normal GP antenna.
- The 1/4 wave antenna is anti-rain and the normal antenna is not.

Technical Specification:

Frequency	84.5MHz-89.5Mhz(A+B1), 89.5-94.5Mhz (A+B2) ,95.5Mhz-100.5Mhz(A+B3),100.5-105.5Mhz(A+B4),105.5-110.5Mhz(A+B5)
Center Frequency	87MHz/92MHz/98MHz /103MHz/108MHz
Gain	3.5dB
VSWR	less than 1.5
Impedance	50Ω
Power	1W-100W (5w,7w,15w,25w,30w,50w,100w)
Cable connector	BNC or NJ

GP200 1/2 wave FM GP Antenna

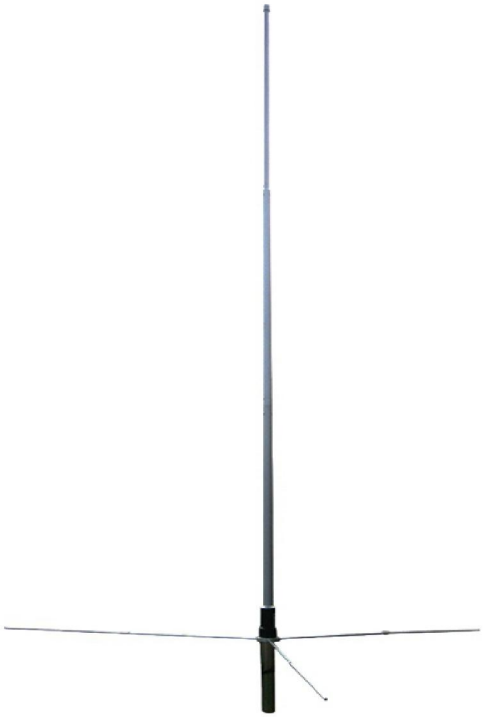
Model :	**GP200**
Product Name :	**GP100 1/2 wave Professional GP Antenna**
Description	**Professional GP antenna, enlarge the broadcast range of FM transmitters**

Features:

Professional GP antenna, enlarge the broadcasting range of FM transmitters.

Technical Specification:

Frequency available for use	95.5Mhz ~ 100.5Mhz
Center Frequency	98Mhz
Gain	1.5dB
VSWR	less than 1.5
Impedance	50Ω
Power	1W-150W
Cable connector	BNC or NJ



DP-100 1/2 wave FM Dipole Antenna

Model :	**DP-100**
Product Name :	**DP-100 1/2 wave FM Dipole Antenna**
Description	**A half-wave dipole antenna means the length of this dipole antenna is equal to a half-wavelength at the frequency of operation.**

Features:

l A dipole antenna is a radio antenna that can be made of aluminum, copper, and bronze tube with a center-fed driven element.

l The 1/4 wave antenna is anti-rain and the normal antenna is not.

l It consists of two metal conductors of rod, oriented parallel and collinear with each other (in line with each other), with a small space between them.

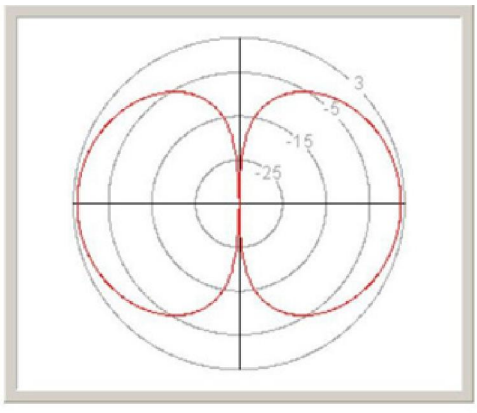
l The dipole antenna is a particularly important form of RF antenna which is very widely used for radio transmitting and receiving applications.

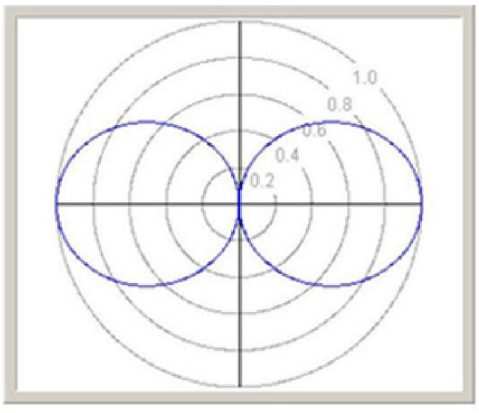
l The dipole is often used on its own as an RF antenna, but it also forms the essential element in many other types of RF antenna. As such it is the possibly the most important form of RF antenna.

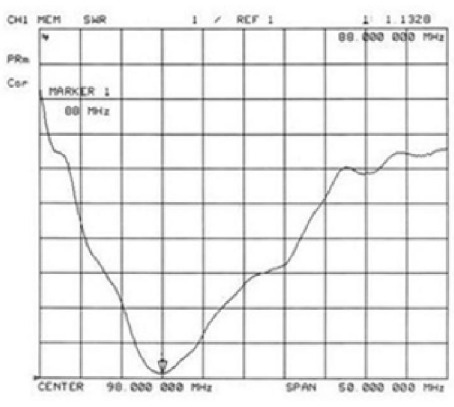
Technical Specification:

Frequency range	88~108 MHz (1MHz stepping)
Input Impedance Impedance	50 ohm
VSWR	<1.5
Gain	3.5 dBi
Polarization	Verticality
Maximum Power Input	300W
Horizontal 3dB Beam Width	360 °
Vertical 3dB Beam Width	73 °
Height	990mm
Radiating Element Material	Aluminum Alloy
Connector	SL16-K
Holding Rod Diameter	Φ30~Φ40 mm

DP-100 1/2 wave FM Dipole Antenna







CP100 FM Circular Elliptical Polarized Antenna

Model :	**CP100**
Product Name :	**CP100 FM Circular Elliptical Polarized Antenna**
Description	**CP100 fm broadcast Circular Elliptical Polarized Antenna Maximum power 500W transmitter**

Features:

- FM antenna is a new antenna designed for FM radio stations.
- Using with FM transmitters up to 300~500watt.
- Frequency range is adjustable by scales from 88~108MHz.
- Double crossed dipole antenna with circular radiation.
- Vertical and horizontal polarization.

Technical Specification:

Frequency range	88~108 MHz (According to the scale adjustment)
Impedance	50ohm
VSWR	<1.5
Polarization	Verticality
Gain	Single Bay -3dBd
Polarization	Circular
Lighting Protection	Direct Ground
Maximum Power Input-watts	300 W（Max 500W）
Length	950 mm
Coaxial Cable	SYV-50-7
Termination	SL16-J

CP100 FM Circular Elliptical Polarized Antenna

FU-DV1 Professional FM Dipole antenna

Model :	**FU-DV1**
Product Name :	**FU-DV1 FM Dipole Antenna**
Description	**This FU-DV1 FM dipole antenna is specially designed for FM radio broadcasting system, to receive FM radio transmitter output power signal and send the signal out efficiently.**

Features:

- Side-mount low-loss.
- Broadband Antennas.
- Vertical polarization.
- Aluminum Alloy
- DC Grounding.

Technical Specification:

Frequency range	87-108 MHz(we can make either full band/fixed frequency)
Input Impedance	50 ohm
VSWR	<1.3 (full band),<1.10(fixed frequency)
Gain	1.5 dB
Polarization	Verticality
Maximum Power Input	1KW/3KW/5KW/10KW
Lighting Protection	Direct Grounding
Connector	L27-50K(1KW), IF45-50K(3KW), IF70-50K(5KW), IF110-50K(10KW)
Dimension	1415×1100×70 mm(L/W/D)
Weight	7KG
Rated Wind Velocity	200 km/h
Radiating Element Material	Aluminum Alloy
Holding Pole Diameter	50-100 mm

FU-DV1 FM dipole antenna

FM-DV1 Professional FM Dipole Antenna

Model :	**FM-DV1**
Product Name :	**FM-DV1 FM Dipole Antenna**
Description	Used for FM radio broadcasting system, to receive FM radio transmitter output power signal and send the signal out efficiently. Can use multiple antenna multi-antenna arrays to enhance the gain of the transmitting antenna.

Features:

- Side-mount low-loss
- Broadband Antennas.
- Vertical polarization.
- Stainless steel.
- DC Grounding.

Technical Specification:

Frequency range	87~108MHz
Characteristic Impedance	50Ω
Antenna Gain	1.5dB
Polarization	Vertical Polarization
VSWR	<1.10 (specify frequency), “1.30 (full bandwidth)
Rated power	1KW / 3KW/5KW/10KW
Group matrix combination of	the antenna array unit is particularly suitable for the formation of a variety of radiation patterns.
Input Interface	L27-50K (1KW) / IF45-50K (3KW) / IF70-50K (5KW) / IF110-50K (10KW)
To withstand wind load	32kg
Maximum speed	160km / h
Antenna Weight	11kg
Mast diameter	φ50-100mm
Dimensions	1360x1060x60mm
Gross Weight	15KG
Radiator	304
Inner conductor	silver plated copper
Insulation support	PTFE
Clamp	hot dip galvanized steel

FM-DV1 FM Dipole Antenna

FU-DV2 Professional FM Dipole Antenna

Model :	**FU-DV2**
Product Name :	**FU-DV2 FM Dipole Antenna**
Description	**FMUSER FU-DV2 is the high gain FM dipole antenna using in Max 1000W FM transmitter.**

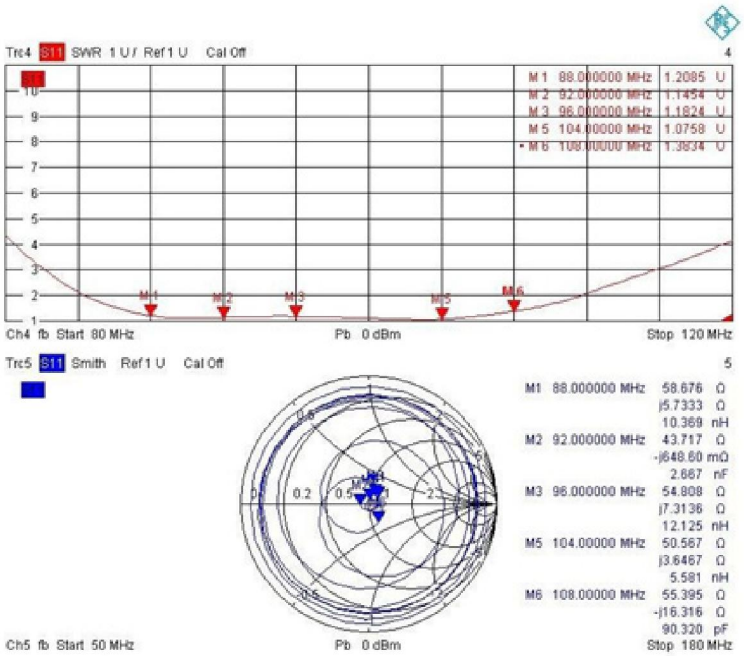
Features:

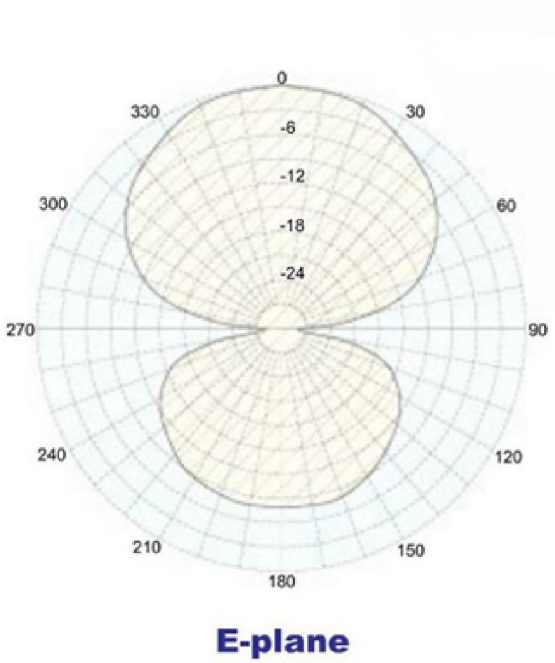
- Band II Dipole.
- Broadband from 87.5-108MHz.
- Vertical polarization.
- Omni Directional Pattern.

Technical Specification:

Frequency range	87.5-108 MHz
Input Impedance	50 ohm
Connector	EIA flange according to system power rating
VSWR	<=1.3:1 MAX
Polarization	Verticality
Gain	according to requirement
Horizontal Pattern	Any type according to the customer requirement
Vertical Pattern	Null fill, beam tilt and special requirements on demand
Other Facilities	The antenna system can be supplied in split feed with two equal half antennas, each half can accept full power
Dimensions	1400*900*50mm
Weight	5kg with hard ware mounting
Wind surface	0.05m2
Wind load	9.8kg(wind speed at 160km/h-without radome)
Max wind velocity	220km/h
Wind load	9.8kg(wind speed at 160km/h-without radome)
Max wind velocity	220km/h
Materials: External parts	Aluminum Alloy
Internal parts	Pure Copper
Height of array	Subject to number of bays(refer to table)
Package Volume weight	11kg
Packing Size	86*88*7cm

FU-DV2 FM dipole antenna





E-plane

FM-DC1 Vehicle-mounted Antenna

Model :	**FM-DC1**
Product Name :	**FM-DC1 Vehicle-mounted Antenna**
Description	**Car FM Antenna Vehicle-mounted Antenna for fm transmitter tv transmitter radio station.**

Features:

- Frequency range 87-108MHz
- Gain:2dB
- Power:100W
- Omni-directional radiation.
- Adjustable standing wave ratio and use frequency.
- Strong magnetic force attracted to the ceiling.
- Suitable for vehicle-mounted FM radio.

Technical Specification:

Frequency range	87~108MHz
Input impedance	50Ω
Input interface	L27-50J
Rated Power Capacity	100W/300W/500W/1KW
VSWR(Designated frequency)	≤1.1
Polarization ways	1KW / 3KW/5KW/10KW
Group matrix combination of	Circular polarization
Gain	2dB
Lightning protection	DC Ground
Size(mm)	φ300x900x1000
Weight	7Kg(Including suction pedestal)
Wind load	20N(Wind velocity 150Km/h)
Safety factor	2(Wind velocity 225Km/h)
Material Oscillator	Stainless steel
Insulator	PTFE
Installation mode	Magnetic Ceiling

FM-DC1 Vehicle-mounted Antenna

UHF-S 4 Slot TV Antenna

Model :	**UHF-S**
Product Name :	**UHF-S 4 Slot TV antenna**
Description	**FMUSER UHF-S 4 Slot Sew Television Antenna TV Antenna for TV Transmitter.**

Features:

- Frequency range 470-860MHz.
- High-gain design 13dBd-18dBd.
- Circular polarization suitable for high building concentration area coverage.
- Compatible mobile digital TV application.
- Omni-directional radiation field, it can be directional radiation according to requirements.
- Adopting quality electro silvering copper and anti-aging high-strength glass fiber reinforced plastics.
- To conduct zero point padding and lobe downwardness to achieve the best coverage effect.
- It occupies little space; flexible installation is suitable for spanning over the top of the tower or the side of the tower.

Technical Specification:

Frequency range	470-860MHz
Size	φ250x3000x12000(mm)
Input impedance	50Ω
Total weight	57Kg(Omni-directional) 79Kg(Directional)
Input interface	IF45/70/110-50K Wind load 750N(Wind velocity 150Km/h)
Maximum power capacity	1KW/5KW/10KW
Safety factor	2(Wind velocity 225Km/h)
VSWR(Designated frequency)	＜1.10
Reflector board	Stainless steel
Polarization ways	Circular polarization
Radiator	Copper
Gain	13-18dB

Inner conductor	Copper (coating silver)
Half power angle	E-map ±7
H-map	±150
Protection cover	FRP Lightning protection Installation mode Independence/hung in side

UHF-S 4 Slot Antenna