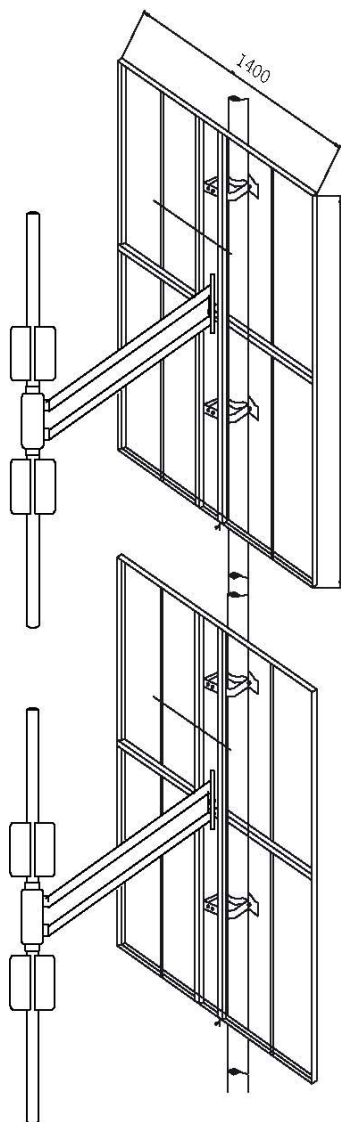


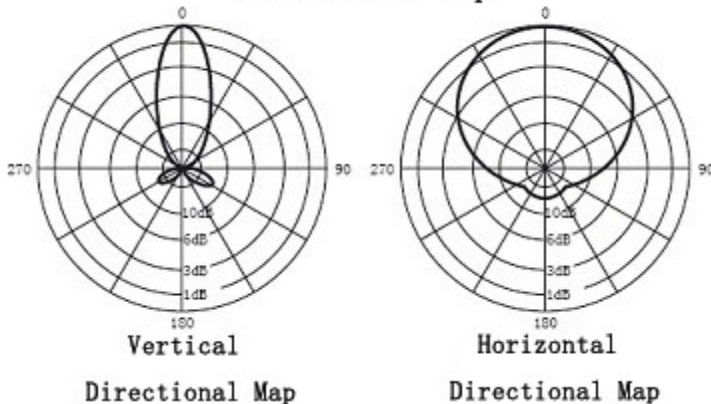
Directional High gain narrowband FM dipole antenna



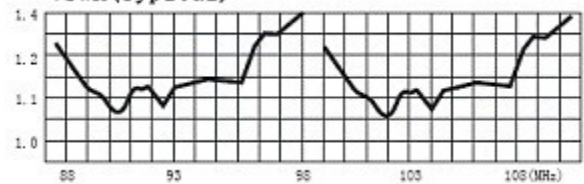
- Frequency range 87.0-108MHz
- Gain 12dBd
- The vertical polarization is suitable for the mobile reception.
- The directional radiation can meet different radiation coverage.
- It can be made up multi-linear antenna array.
- It can be conducted zero point padding and lobe downwardness.
- The stainless steel antenna has a long service life.
- It's suitable to be installed on tower or mast.

Electrical Specification		Mechanical Specification	
Frequency range	87.0-108MHz	Size(mm)	6000x1100x1400
Input impedance	50Ω	Total weight	S-type: 96Kg G-type: 116Kg
Input interface	IF45/IF70	Wind load	10000N(Wind velocity 150Km/h)
Maximum power capacity	3KW/5KW	Safety factor	2(Wind velocity 225Km/h)
VSWR(Designated frequency)	<1.10	Material	Antenna: stainless steel
Polarization ways	Vertical		Reflector board: stainless steel or hot-dip zinc steel
Gain	12dBd		Inner conductor: Copper (coating silver)
Half power angle	Vertical ±10 Horizontal ±56		Protection cover: FRP
Lightning protection	DC Ground	Installation mode	Independence/hung in side

Directional Map



VSWR(Typical)



Gain dB

