

FM-SD1 Dual-dipole FM radio antenna

Model :	FM-SD1
Product Name :	Dual-dipole FM radio antenna
Description:	Side hanging, low loss Broadband antenna Vertical polarization Stainless steel DC Ground

Frequency range 87-108MHz

Gain 7.8dBd

Vertical polarization or horizontal polarization

Directional radiation, flexible array

Oscillator material stainless steel/ copper/ aluminum

To conduct zero point padding and lobe downwardness according to requirements

Electrical Specification		Mechanical Specification		
Type	FM-SDV1			
Input impedance	50	Wind load	160kg.	150km/h
Frequency range	87 ~ 108 MHz	Maximum wind speed	200km/h.	
Gain	7.8dB	Weight	35kg.	
Polarization	Horizontal, vertical (Optional)	Mast diameter	50-100mm	
VSWR	< 1.30 (Full bandwidth)	Size(mm)	2500x1700x1100	
	< 1.10 (Designated frequency)	Materials: fixture	Hot-dip zinc steel	
Rated input power	1KW /3KW/5KW/10KW	Insulation support	PTFE	
Group array	The antenna is particularly suitable for array	Radiator	304 Stainless steel	
	The units form a variety of radiation patterns	Inner conductor	Silver copper	
Input interface	L27-50K (1KW) IF45-50K (3KW) IF70-50K (5KW) IF110-50K(10KW)			

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