

88-108 MHz

FM Band II



Omni-Directional Band II FM Antenna

Model PAFM-4SDCP



Circularly polarized FM broadcast antenna, configured in a 4 bay array. Manufactured from stainless steel and welded, this antenna performs well where circular broadcast coverage is required.

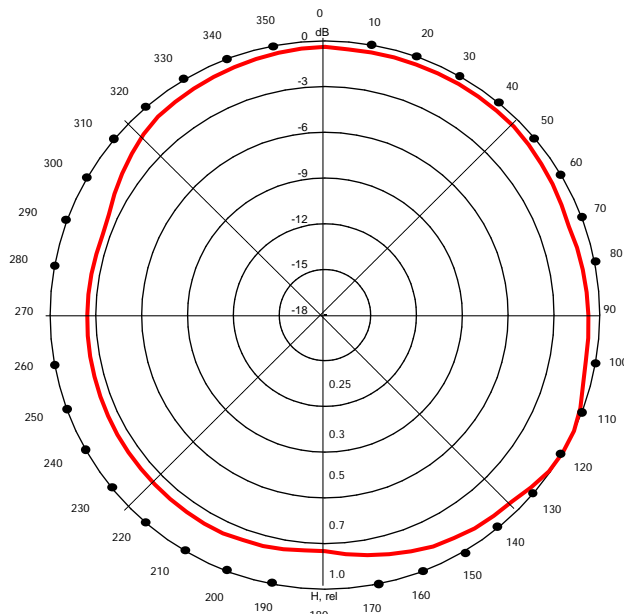
The array is frequency tuned, allowing the antenna to have an extremely low VSWR on the broadcast channel. The 4 bay array can easily handle 4kW of input power, and higher input power available upon request.

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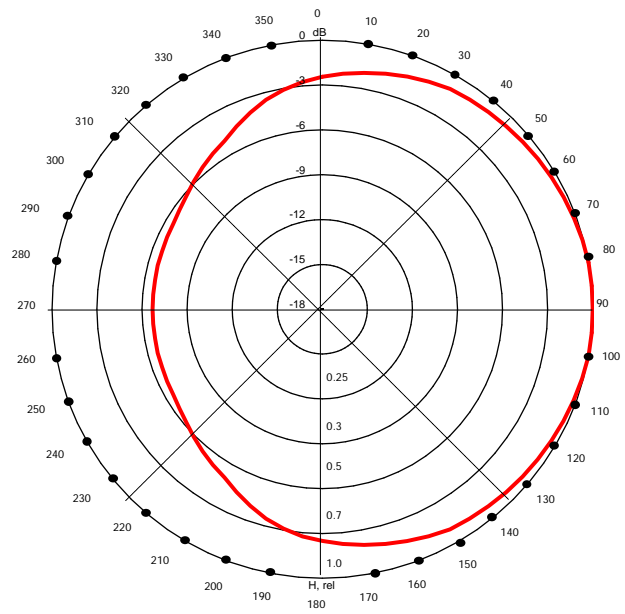
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Electrical



Horizontal Pattern - Horizontal Polarization



Horizontal Pattern - Vertical Polarization

Frequency Range:	88-108 MHz
Input connector:	7/8 EIA on main power divider input
VSWR:	< 1.05 frequency tuned
Gain:	4.5 dBd, 2.8 times power ratio
Polarization:	Circular
Impedance:	50 Ω
Max. input power:	4 kW

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Mechanical

Exterior material:	Stainless steel
Weight:	75 Kg
Windload:	Frontal = 400 N Lateral = 1200 N
Electrical Beam Tilt:	Any degree available
Grounding:	Antenna and radiating elements are DC grounded for lightning protection
Mounting clamps:	HDG clamps are included for attachment to customer supplied mast of any OD. Please specify when ordering
Shipping:	The antenna is shipped disassembled <i>Rear mast to be supplied by customer</i>

