

SF FM Antennas



SF Series

- Circular Polarization
- Multi-Channel Systems
- Directional Systems
- Low, Medium, and High Power Ratings
- Broadband Systems

SPECIFICATIONS

<p>Frequency 87– 108 MHz</p> <p>Input Power 10 KW - 210 KW</p> <p>Rating</p> <p>Polarization Circular</p> <p>Azimuth ±2dB free space</p> <p>VSWR 1.5:1 or better</p>	<p>Connections Available: EIA: 1-5/8", 3-1/8" EIA, 4-1/16", 6-1/8"</p>
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STANDARD MODELS

Model	Power Rating	Power Gain		dB gain	
		Full Wave	Half Wave	Full Wave	Half Wave
SF-CP-1	10-40 KW	0.46	NA	-3.37	NA
SF-CP-2	10-40 KW	0.95	0.73	-0.22	-1.36
SF -CP-3	10-40 KW	1.55	1.02	1.90	0.08
SF -CP-4	10-40 KW	2.13	1.35	3.28	1.30
SF -CP-5	40 KW	2.72	1.63	4.35	2.12
SF -CP-6	40 KW	3.25	1.89	5.12	2.76
SF -CP-7	40 KW	3.90	2.19	5.91	3.40
SF -CP-8	40 KW	4.28	2.61	6.31	4.17
SF -CP-9	40 KW	5.05	2.79	7.03	4.46



SF-CP-10	40 KW	5.54	3.14	7.44	4.97
SF-CP-11	40 KW	6.25	3.39	7.96	5.30
SF-CP-12	40 KW	6.57	3.70	8.18	5.68

Notes:

- Rated at 2800 feet elevation. Derating begins after 2800 ft
- > 40 KW ratings available upon engineering review.
- Includes standard mounting brackets and attachment hardware.
- Antenna weight and wind load are approximate values for a typical structure. Final design loads may vary for the specific application.