

FMA-707

**Circularly Polarized FM Antennas
Input Power up to 500 Watts/Bay**



Features

- True circular polarization
- Heavy duty brass construction
- Type N input, does not require pressurization
- Multibay arrays use a power divider
- Balanced feed straps
- Perfect for translators and other low power applications



ARMSTRONG
TRANSMITTER CORPORATION

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4835 North Street Marcellus, NY 13108 Tel 315-673-1269 Fax 315-673-9972

FMA-707

TECHNICAL SPECIFICATIONS	
Frequency Range	88-108 Mhz, factory tuned
Polarization	Circular (clockwise)
Power Gain	See Tables
Material	Brass and Copper alloys
Azimuth Pattern	+/- 2 dB, horizontal and vertical
Ellipticity	+/- 3 dB in free space
VSWR	<1.2:1 pole-mount, <1.5:1 side mount

MODEL	No of Bays	Input Connector	Maximum Input Power	Power Gain
FMA-707-1	1	N Female	0.5 KW	0.5
FMA-707-2	2	7/8" EIA	1.0 KW	1.0
FMA-707-3	3	7/8" EIA	1.5 KW	1.5
FMA-707-4	4	7/8" EIA	2.0 KW	2.0
FMA-707-5	5	7/8" EIA	2.5 KW	2.5
FMA-707-6	6	7/8" EIA	3.0 KW	3.0
FMA-707-8	8	1 5/8" EIA	4.0 KW	4.0
FMA-707-10	10	1 5/8" EIA	5.0 KW	5.0
FMA-707-12	12	1 5/8" EIA	6.0 KW	6.0



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