

CIRCULAR POLARIZATION ANTENNA GP

The **GP** antenna is designed to maintain a continuous power of 1.5KW per element. This antenna is made of stainless steel, which guarantees the incorruptibility of its technical specifications and it comes adjusted to the desired frequency, although it can be changed if needed. This circular polarization antenna is highly recommended for very hard environmental conditions. DC grounded potential antenna.



GENERAL CHARACTERISTICS

FREQUENCY RANGE	87.5-108MHz
IMPEDANCE	50 Ohm
MAXIMUM POWER	1.5KW
POLARIZATION	Right circular ($E_v = E_h \pm 1dB$)
INPUT CONNECTOR	EIA 7/8"
WEIGHT	4.2Kg
ASSEMBLY	1-3" tube
MATERIAL	Stainless steel
TYPICAL VSWR	1.10:1

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AVAILABLE SYSTEMS

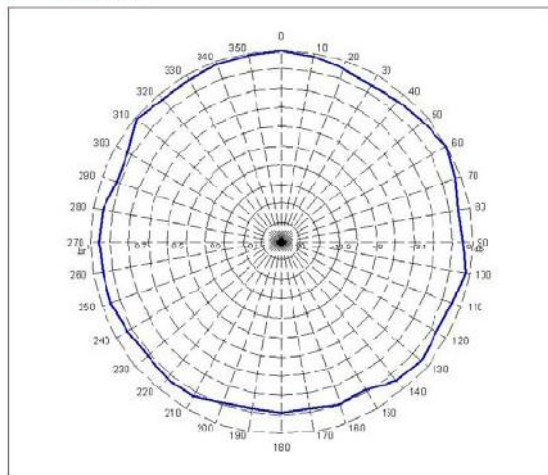
Some GP antennas stacked at $3/4\lambda$ distance from one another.

MODEL	Nº ANTENNAS	GAIN	INPUT CNC	MAX. POWER
GP 1	1	-3dBd	EIA 7/8"	1.5KW
GP 2	2	0dBd	EIA 7/8"	3KW
GP 4	4	3dBd	EIA 7/8"	4KW
GP 4R	4	3dBd	EIA 1+5/8"	6KW
GP 6	6	4.5dBd	EIA 1+5/8"	9KW

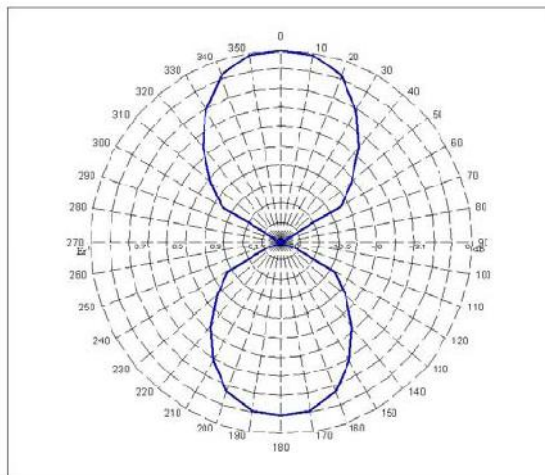
*3dB will be added to these gain values if we consider the sum of vertical and horizontal polarizations.



CIRCULAR POLARIZATION ANTENNA GP-1



HORIZONTAL RADIATION PATTERN



VERTICAL RADIATION PATTERN

* The images and/or technical specifications are subject to change without previous notice.

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