

# CP HORN-1500

Circularly Polarized Horn Antenna With Coax Input | 1200-1800 MHz  
Antenna & Microwave Lab. Shahrood University of Technology

## Configuration

Pattern	Directional
Polarization	Circular
Input Termination	N-Female

## ELECTERICAL DATA

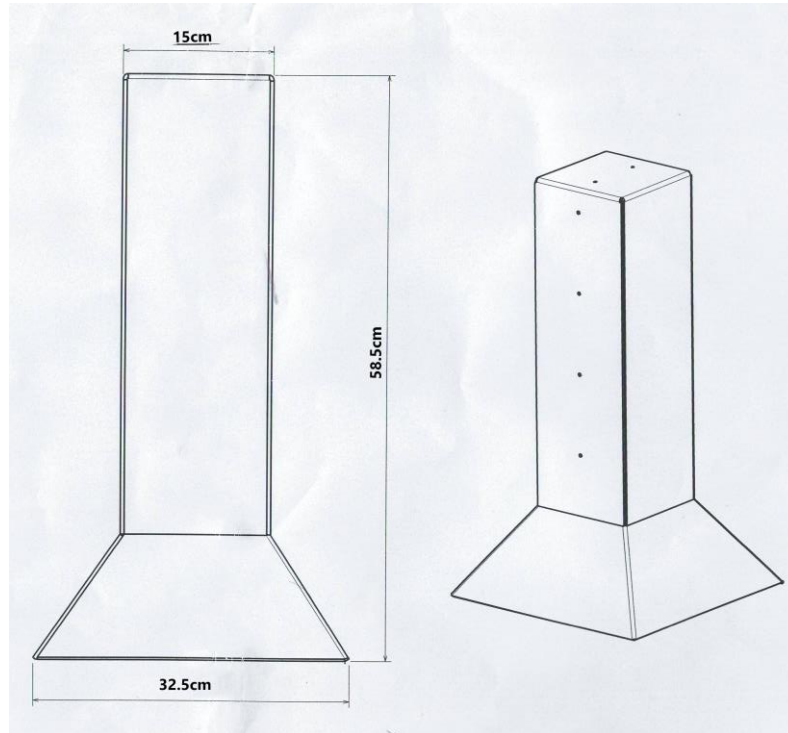
Description	Minimum	Typical	Maximum	Units
Frequency Range	1200		1800	MHz
Impedance		50		Ohms
Gain		12.5		dB
Horizontal Half power Beam Width		40		Degrees
Vertical Half power Beam Width		40		Degrees
AR		< 3		
VSWR		< 2		
RF Power Handling Capacity		200		Watts

## MECHANICAL DATA

Materials	6063T6 Aluminum & Brass
Weight	5.6 Kg
Length Waveguide	46 cm
Length Horn	12.5 cm
Height Horn	32.5 cm
Operating Temperature	(-)30 to +70 Degrees Celsius

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MEASURED VSWR

