

# SMART ELECTRONICS COMMUNICATION

Delhi, INDIA

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## GROUND PLANE ANTENNA SGPA450G6



### Product Description:

Ground plane Antenna type SGPA450G6 is 6.5 dB gain antenna for frequency 403-470 MHz. The antenna has copper radiators. The antenna is enclosed in weather proof fiberglass radome tube, which enables it to be used in contaminated industrial areas without any precautions. The four radials are of stainless steel. All hardware and mounting clamps are of stainless steel. The antenna is factory tuned at frequency of interest.

### Specifications:

Electrical Specification	
Model	SGPA450G6
Frequency	403-470 MHz
Gain	6.5 dB
Impedance	50 ohms
VSWR at resonant frequency	$\leq 1.5:1$
Bandwidth (VSWR $\leq 2:1$ )	20 MHz
Radiation pattern	Omni directional
Maximum input power	100 Watts
Mechanical Specification	
Mast diameter accepted	32-68 mm.
Connector	UHF female