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# AD-24SHS

## 2.4 GHz Omni-directional Antenna 5 dBi

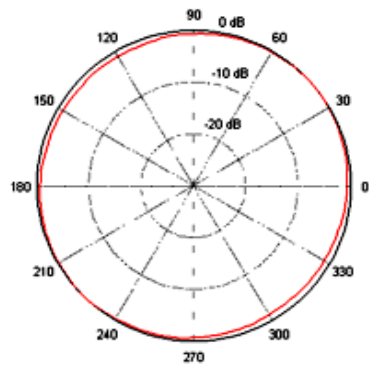
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AD-24SHS antenna is highly recommended for Police robots transmitters. It is omni directional and works for any transmitter or receiver in 2.4 GHz band. The antenna is using an SMA type connector. Dimensions are: 35cm X 2.54cm". Impedance 50 ohms, gain 6.5 dB. Color: Grey.

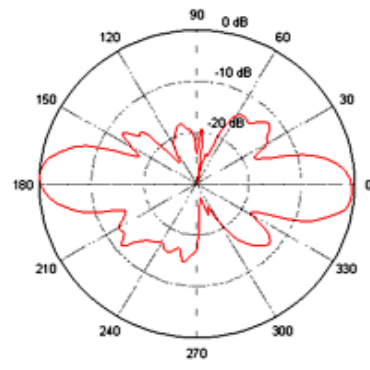


Technical Specifications	
Frequency Range	2400 - 2483 MHz
Impedance	50 W
VSWR (or Return Loss)	£ 1.5:1 ( or <sup>3</sup> 14dB)
Gain	6.5dBi
Polarization	Vertical, Linear
3dB Horizontal Beamwidth	360°
3dB Vertical Beamwidth	24°
Max. Power Input	20W
Connector	SMA
Appearance	See attached drawing
Size	35cm X 2.54cm
Housing Material	Fiber-Glass
Radome Material	ASA with UV Protection
Radome Color	Gray or White
Case Design	Water Resistance
Weight	220g
Wind Loading (Frontal)	<sup>3</sup> 10Kg
Temperature Range	-45 to +75 ° C
Storage Temperature	-30 to +75 ° C
Sensing Resistor or DC-Ground	Yes
Life Expectancy	20 years
Frequency Range	2400 - 2483 MHz
Impedance	50 W

## RF Antenna Gain Patterns



**H-PLANE**



**E-PLANE**