



AD-24SHS

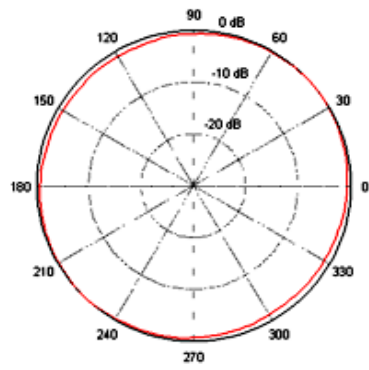
2.4 GHz Omni-directional Antenna 5 dBi

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.

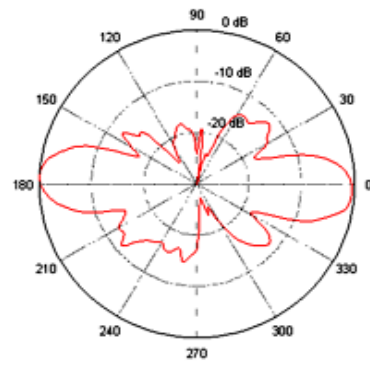


| Technical Specifications | |
|-------------------------------|---------------------------------|
| Frequency Range | 2400 - 2483 MHz |
| Impedance | 50 W |
| VSWR (or Return Loss) | £ 1.5:1 (or ³ 14dB) |
| Gain | 6.5dBi |
| Polarization | Vertical, Linear |
| 3dB Horizontal Beamwidth | 360° |
| 3dB 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) | ³ 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