

# Patch Antenna (HPA-120)

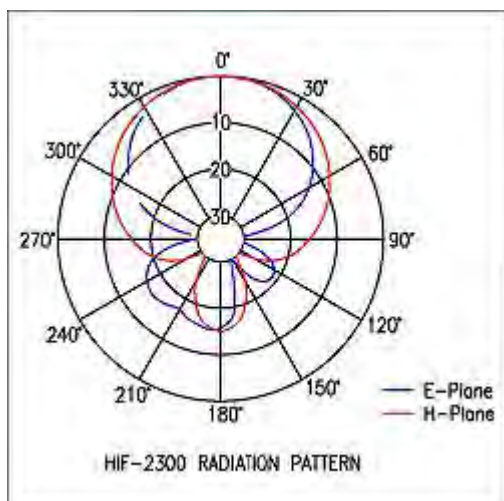
## 1. Specifications

### 1.1 Electrical Specifications



Item	Specification
Frequency Range	2400-2500MHz
Gain	8.5 dBi
Front to Back Ratio	15 dB
3dB Beamwidth	E-Plane 55° H-Plane 70°
V.S.W.R (Max.)	1.5 : 1
Impedance	50 ohms (nominal)
Polarization	Vertical
Power Input (Max.)	50 W

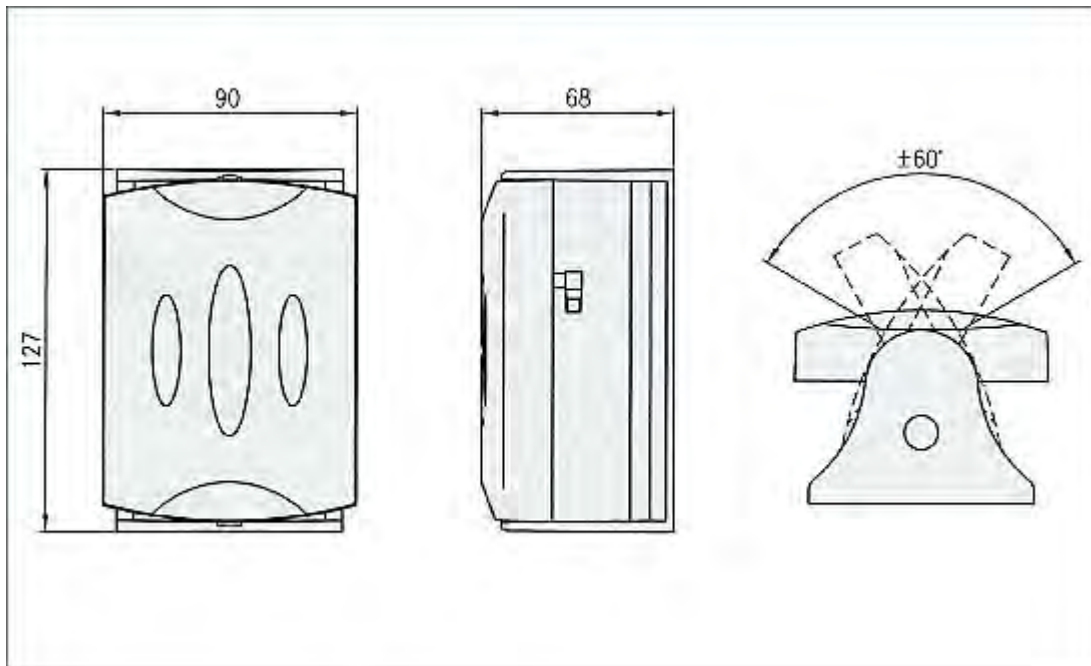
### 1.2 Mechanical Specifications



Item	Specification
Dimensions	W: 90 mm H: 127 mm D: 68 mm
Weight	160 g
Connector Type	SMA - R/A Female
Articulation Angle	- 60 ° ~ + 60 °
Operating Temperature	- 30 °C ~ + 60 °C

For pricing or any further information, please contact Omni Instruments Ltd.

## 2. Outline Drawing



Whilst every effort has been made to ensure the accuracy of this specification, we cannot accept responsibility for damage, injury, loss or expense from errors or omissions. In the interest of technical improvement, this specification may be altered without notice.

For pricing or any further information, please contact Omni Instruments Ltd.

**Contact Details:**

Tel: +44 845 9000 601  
Fax: +44 845 9000 602  
Local Tel: 01382 443000  
Email: [info@omni.uk.com](mailto:info@omni.uk.com)

**Mailing Address:**

Suite E, East Kingsway Business Centre,  
Mid Craigie Trading Estate, Mid Craigie Road,  
Dundee, DD4 7RH, UK