

# Patch Antenna (HPA-120)

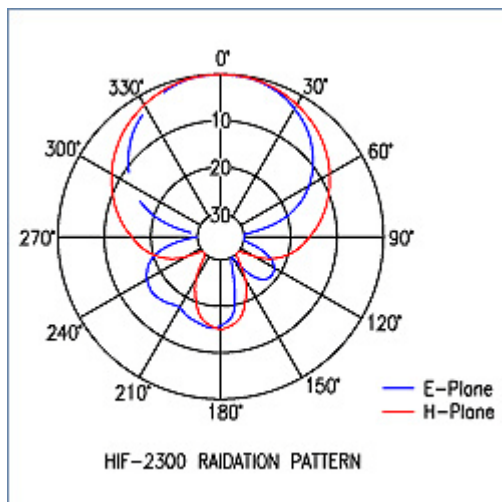
## 1. Specifications

### 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°<br>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<br>H: 127 mm<br>D: 68 mm |
| Weight                | 160 g                             |
| Connector Type        | SMA - R/A Female                  |
| Articulation Angle    | - 60 ° ~ + 60 °                   |
| Operating Temperature | - 30 °C ~ + 60 °C                 |

## 2. Outline Drawing

