

# Patch Antenna for 2.4 GHz



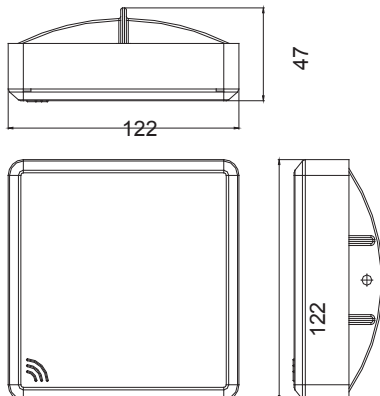
## ALL19011

### Electrical Specification

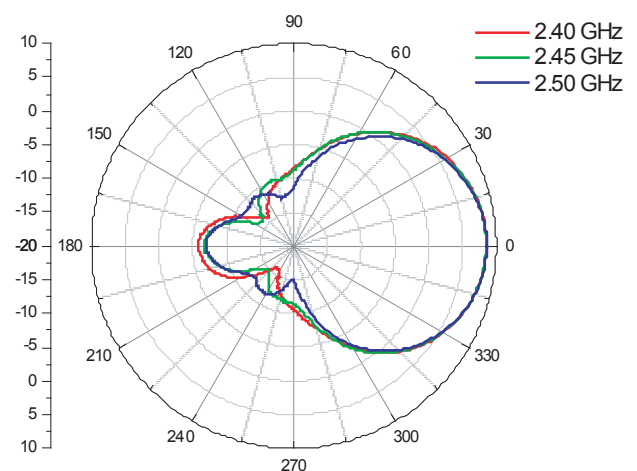
|                     |                     |
|---------------------|---------------------|
| Frequency range     | 2400 MHz - 2500 MHz |
| Gain                | 9 dBi               |
| VSWR                | 1.5 : 1 Max.        |
| Polarization        | Linear, vertical    |
| HPBW / horizontal   | 70°                 |
| HPBW / vertical     | 65°                 |
| Front to back ratio | 15 dB               |
| Power handling      | 10 W (cw)           |
| Impedance           | 50 Ohms             |
| Connector           | N Jack              |
| Cable               | ULA-198; 20 cm      |

### Environmental & Mechanical Characteristics

|                      |                   |
|----------------------|-------------------|
| Survival wind speed  | 216 km/hr         |
| Temperature          | - 40°C to +80°C   |
| Humidity             | 95% @ 25° C       |
| Lightning protection | DC ground         |
| Radome color         | Gray-white        |
| Radome material      | ABS, UV resistant |
| Weight               | 190 gw            |
| Dimension            | 122 x 122 x 47 mm |



H-plane Co-polarization Pattern



V-plane Co-polarization Pattern

