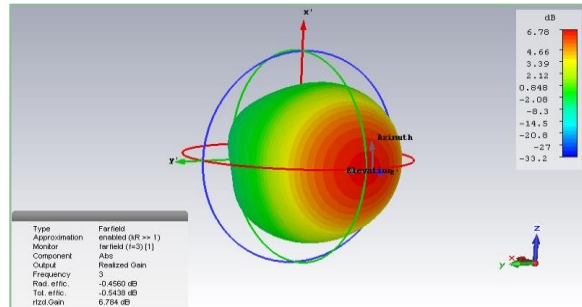
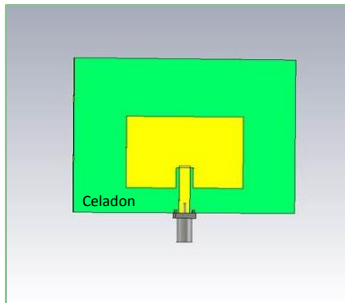


3 GHz Patch Antenna Specifications

Model #: C-PATA3-A



Description

Microstrip patch antennas are light in weight, low profile, low cost, and low volume. The fabrication is simple and can be mounted easily with PCB solution. In addition, they can provide dual and circular polarizations, multi-frequency operation, and frequency agility.

Application

- Sensors
- Mobile devices
- Mobile and satellite communication application
- Global Positioning System (GPS)
- Radio Frequency Identification (RFID): mobile communication, logistics, manufacturing, transportation and healthcare
- Worldwide Interoperability for Microwave Access (WiMAX)
- Radar Application
- Rectenna Application
- Telemedicine Application
- Medicinal applications of patch: hyperthermia

Specifications

- **Frequency Range:** 3GHz (48 MHz bandwidth)
- **Gain:** 6.7dBi
- **Polarization:** Linear
- **H-plane Beamwidth:** 78.9 degrees
- **E-plane Beamwidth:** 81 degrees
- **Impedance:** 50 ohm
- **Termination:** SMA female
- **Dimension:** 60mm x 50.85mm x 1.52mm
- **Substrate:** Rogers RO4003

