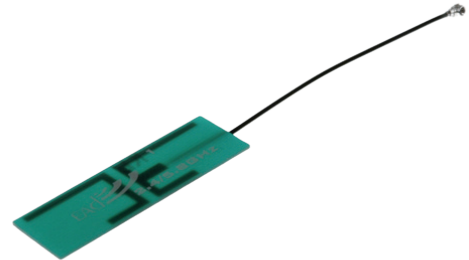


## RHEA ANTENNA

### Rhea Internal PCB Antenna

The Rhea internal PCB antenna covers the 2.4 and 5 GHz wireless bands and is groundplane independent. It can be easily integrated into wireless devices where the Rhea antenna can be mounted onto the inside of a plastic enclosure. Ideal for access points, kiosks and wireless terminals, the Rhea antenna offers superior RF performance in a compact form factor.



#### Applications

- ▶ Wireless Kiosks
- ▶ Access Points
- ▶ Security Systems
- ▶ Wireless Terminals
- ▶ Portable Devices

#### Key Features

- ▶ Internal PCB Antenna
- ▶ Covering 2.4/5 GHz Bands
- ▶ Groundplane Independent
- ▶ Various Cable/Connector Options
- ▶ Mount onto non-Metal Surface

### ELECTRICAL SPECIFICATIONS

Frequency Range	Peak Gain	VSWR	Input Power	Impedance	Polarization
2.4/5 GHz	2 dBi	<2:1	10w	50 Ohm	Linear

### MECHANICAL SPECIFICATIONS

Dimensions	Cable Type	Connector	PCB Material	IP-Rating	Mounting
50 x 16mm (lxw)	RG178, RG174, RG316 or Microcoax	SMA-Male (RP-SMA, MMCX and U.FL optional)	FR4	None	Adhesive Mount

### POPULAR ORDERING OPTIONS

FRHE35121-UF-10	Rhea Antenna with 100mm microcoax and U.FL connector
FRHE35121-RS-10	Rhea Antenna with 100mm RG178 and RP-SMA connector
FRHE35121-MCF4-10	Rhea Antenna with 100mm Microcoax and MCF connector