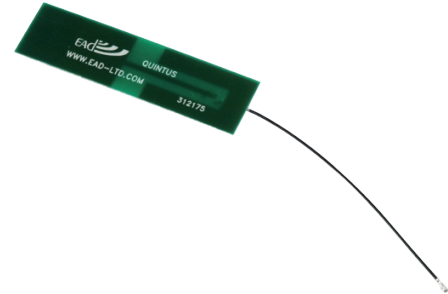


## QUINTUS ANTENNA

### Quintus Internal PCB Antenna

The Quintus internal PCB antenna covers the cellular, GSM and 3G wireless bands from 850 MHz to 2100 MHz and is groundplane independent. It can be easily integrated into wireless devices where the Quintus antenna can be mounted onto the inside of a plastic enclosure. Ideal for access points, kiosks and wireless terminals, the Quintus antenna offers superior performance in compact dimensions.



#### Applications

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

#### Key Features

- ▶ Internal PCB Antenna
- ▶ Covering Cell, GSM & 3G Bands
- ▶ Groundplane Independent
- ▶ Various Cable/Connector Options
- ▶ Mount onto non-Metal Surface

### ELECTRICAL SPECIFICATIONS

Frequency Range	Peak Gain	VSWR	Input Power	Impedance	Polarization
850/900/1800/1900 2100 MHz	2 dBi	<2.8:1	10w	50 Ohm	Linear

### MECHANICAL SPECIFICATIONS

Dimensions	Cable Type	Connector	PCB Material	IP-Rating	Mounting
83 x 22mm (lxw)	RG178, RG174, RG316 or Microcoax	SMA-Male (RP-SMA, MMCX and U.FL optional)	FR4	None	Adhesive Mount

### POPULAR ORDERING OPTIONS

FQTN35144-UF-10	Quintus Antenna with 100mm microcoax and U.FL connector
FQTN35144-SM-10	Quintus Antenna with 100mm RG178 and SMA-Male connector
FQTN35144-MCF4-10	Quintus Antenna with 100mm Microcoax and MCF connector