

ACARA ANTENNA

Acara Internal PCB Antenna

The Acara internal PCB antenna covers the 2.4 and 5.2 GHz wireless bands and is groundplane independent. It can be easily integrated into wireless devices where the Acara antenna can be mounted onto the inside of a plastic enclosure. Ideal for access points, kiosks and wireless terminals, the Acara antenna offers superior performance in a small 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
2.4/5.2 GHz	2.2 dBi	<1.5:1	10w	50 Ohm	Linear

MECHANICAL SPECIFICATIONS

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

POPULAR ORDERING OPTIONS

FAC35010-UF-10	Acara Antenna with 100mm microcoax and U.FL connector
FAC35010-RS-10	Acara Antenna with 100mm RG178 and RP-SMA connector
FAC35010-MCF4-10	Acara Antenna with 100mm Microcoax and MCF connector