

AD20 ANTENNA

AD20 Internal PCB Antenna

The AD20 internal PCB is a pentaband antenna covering frequencies from 800 to 2100 MHz. With compact dimensions, the AD20 is suitable for integrating into a number of portable and wireless terminals including datalogging and telemetry, security systems and telematics applications.



Applications

- ▶ Telemetry/ Datalogging
- ▶ Access Points
- ▶ Security Systems
- ▶ Wireless Terminals
- ▶ Portable Devices

Key Features

- ▶ Internal PCB Antenna
- ▶ Covers Pentaband Frequencies
- ▶ 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	0 dBi	<2.0:1	10w	50 Ohm	Linear

MECHANICAL SPECIFICATIONS

Dimensions	Cable Type	Connector	PCB Material	IP-Rating	Mounting
47.2 x 15.1 mm (l x w)	RG178, RG174, RG316 or Microcoax	SMA-Male (RP-SMA, MMCX and U.FL optional)	FR4	None	Adhesive Mount

POPULAR ORDERING OPTIONS

FADT35174-UF-10	AD20 Antenna with 100mm microcoax and U.FL connector
FADT35174-SM-10	AD20 Antenna with 100mm RG178 and SMA-Male connector
FADT35174-MCF4-10	AD20 Antenna with 100mm Microcoax and MCF connector