

## SQ7 ANTENNA

### SQ7 Internal PCB Antenna

The SQ7 internal PCB antenna covers 4G/LTE multiband frequencies from 700 MHz to 2700 MHz and is groundplane independent. It can be easily integrated into wireless devices where the SQ7 antenna can be mounted onto the inside of a plastic enclosure. Ideal for access points, kiosks and security systems, the SQ7 antenna offers superior performance in compact dimensions.



#### Applications

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

#### Key Features

- ▶ Internal PCB Antenna
- ▶ Covers 4G/LTE Multiband Frequencies
- ▶ Groundplane Independent
- ▶ Various Cable/Connector Options
- ▶ Mount onto non-Metal Surface

### ELECTRICAL SPECIFICATIONS

Frequency Range	Peak Gain	VSWR	Input Power	Impedance	Polarization
700-2700 MHz	1.5 dBi	<2.2:1	10w	50 Ohm	Linear

### MECHANICAL SPECIFICATIONS

Dimensions	Cable Type	Connector	PCB Material	IP-Rating	Mounting
110 x 21mm (l x w)	RG178, RG174, RG316 or Microcoax	SMA-Male (RP-SMA, MMCX and U.FL optional)	FR4	None	Adhesive Mount

### POPULAR ORDERING OPTIONS

FSQS35241-UF-10	SQ7 Antenna with 100mm microcoax and U.FL connector
FSQS35241-SM-10	SQ7 Antenna with 100mm RG178 and SMA-Male connector
FSQS35241-MCF4-10	SQ7 Antenna with 100mm Microcoax and MCF connector