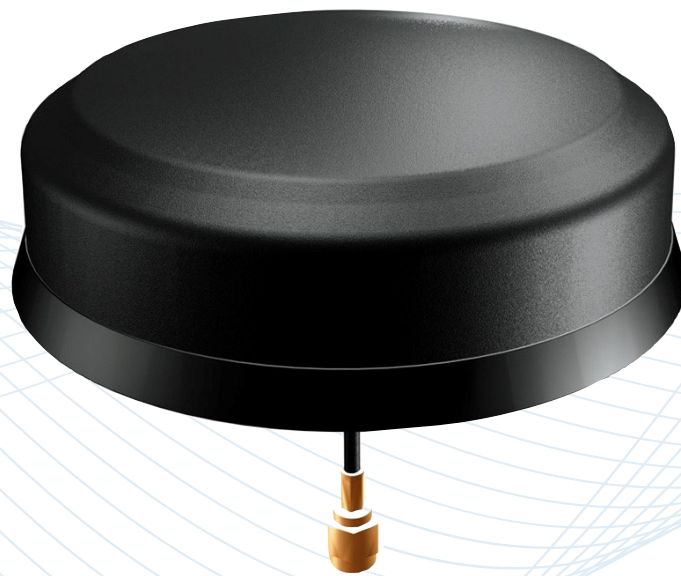


# SmartDisc™ Low-Profile Antenna

Cellular Antennas (5G, LTE, CBRS, 3G, 2G) - Omnidirectional

710211, 710212, 710213, 710214



## Description

Low-profile, whipless cellular antenna that delivers reliable RF performance.

## Technologies

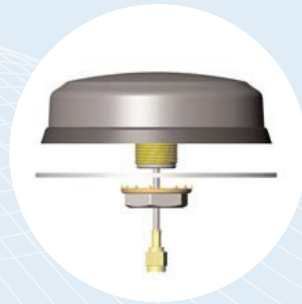
- 2G/3G/4G
- NB IoT

## Features

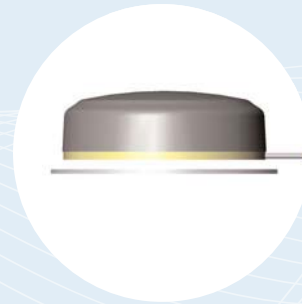
- Easy installations with hole or adhesive mount
- Durable design for a range of M2M, IoT, and vehicle installations
- Patented technology



707154 – Optional white angled mounting bracket



Hole mount



Adhesive mount

## SmartDisc™ Low-Profile Antenna

### Cellular Antennas (5G, LTE, CBRS, 3G, 2G) - Omnidirectional

SmartDisc™ by Smartereq, a PCTEL company, is a low-profile, whipless antenna with durable design. The antenna is ground plane independent enabling flexible and easy installation. It is ideal for smart city, smart metering and vehicle installations.

#### Features

- Discreet design with hole or adhesive mount
- Radio system: 2G/3G/4G
- Frequency: 790-960/1710-2690MHz and NB-IoT
- Gain: 2.15 dBi / 3.15 dBi
- Color: Black or White
- IP67
- DC-shorted
- IATF 16949

#### Applications

- Off-Highway Vehicle (OHV)
- ECU/Gateway
- M2M
- Public Safety
- Smart Metering
- Smart City
- EV-chargers
- Vending machines
- Parking meters

#### Certifications



# SmartDisc™ Low-Profile Antenna

## Cellular Antennas (5G, LTE, CBRS, 3G, 2G) - Omnidirectional

### Standard Configurations

Model	Cable	Cable Length	Connector	Housing Color	Mount
710211	RG316, brown	2.5m	SMA-male	Black	Hole mount with center screw or adhesive mount
710212	RG316, brown	2.5m	SMA-male	White	
710213	RG316, brown	0.5m	SMA-male	Black	
710214	RG316, brown	0.5m	SMA-male	White	

### Electrical Specifications – RF Antennas (All Models)

Frequency Ranges	VSWR	Peak Gain	Nominal Impedance	Polarization	Radiation Pattern	Max. Power*
790 - 960 MHz	3:1	2.15 dBi	50Ω	Linear, vertical	Omnidirectional	10W
1710 - 2690 MHz	3:1	3.15 dBi				

### Mechanical and Environmental Specifications (All Models)

#### Physical

Dimensions (D x H)	96 x 26mm
Weight	~190g
Material	PC/PBT/Aluminum alloy
Accessories	707154 – White angled bracket 201411 – Vertical bracket
Operating / Storage Temperature	-40°C to +85°C
IP Class	IP67

### Extension Cables

Part Number	Cable Color	Installation Type	Cable Length (m)	Connector Type	Gender
710213	Black	Standard screw	0,5	SMA	Male
710214	White	Standard screw	0,5	SMA	Male
710215	Black	Adhesive tape	0,5	SMA	Male
710218	White	Adhesive tape	0,5	SMA	Male
710211 / 707201	Black	Standard screw	2,5	SMA	Male
710212	White	Standard screw	2,5	SMA	Male
710221	Black	Adhesive tape	2,5	SMA	Male
710219	White	Adhesive tape	2,5	SMA	Male
710237	Black	Standard screw	5,0	SMA	Male
710216	Black	Standard screw	2,5	FME	Female
710232	Black	Long screw	2,5	SMA	Male
710279	White	Standard screw	0,5	N-type	Female
710425	White	Long screw	2,5	SMA	Male
710201	Black	Standard screw	1,0	FAKRA	Female

\* All RF data are performed on a 5mm thick glass with a 20cm long RG316 cable.

**CONTACT US**

**For more information about  
this product contact your  
sales representative or visit  
> [pctel.com/antenna-products](https://pctel.com/antenna-products)**

### **Solving Complex Wireless Challenges**

PCTEL is a leading global provider of wireless technology solutions, including purpose-built Industrial IoT devices, antenna systems, and test and measurement products. Trusted by our customers for over 25 years, we solve complex wireless challenges to help organizations stay connected, transform, and grow.



**PCTEL, Inc.**

T: +1 630 372 6800 | [pctel.com](https://pctel.com)

Specifications subject to change without notice. PCTEL® is a registered trademark of PCTEL, Inc. ©2023 PCTEL, Inc. All rights reserved. (January 2023)