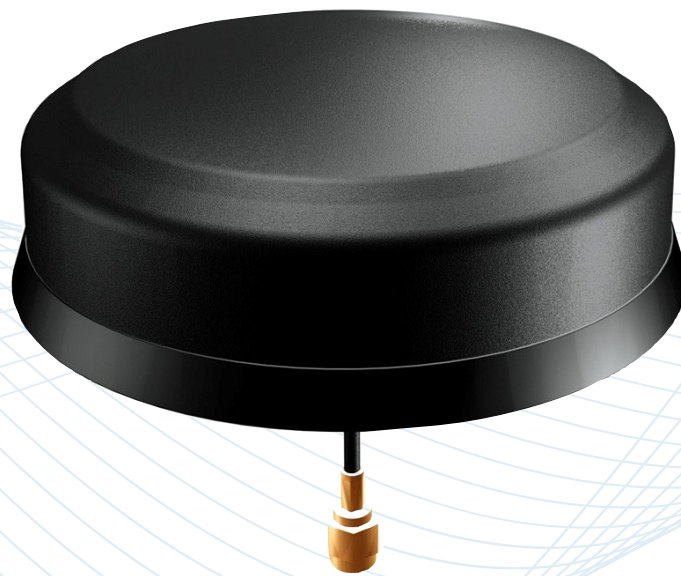


SmartDisc™ Low-Profile Antenna

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

710211, 710212, 710213, 710214, 710215, 710218, 710219, 710221,
710234, 710553, 710284



Description

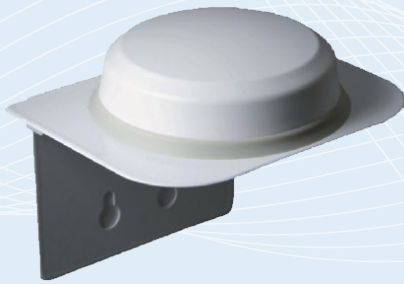
Low-profile, whipless cellular antenna that delivers reliable RF performance.

Technologies

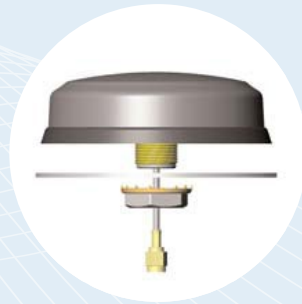
- 2G/3G/4G
- NB IoT

Features

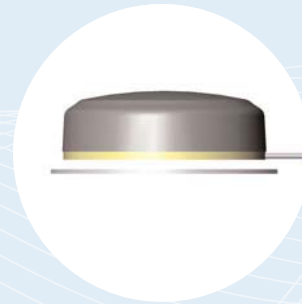
- Easy installations with hole or adhesive mount
- Durable design for a range of M2M, IoT, and vehicle installations
- Patented technology



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



SPECIFICATIONS



SmartDisc™ Low-Profile Antenna

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

Standard Configurations

Part Number	Housing Color	Installation Type	Cable Length (m)	Cable Color	Connector
710211	Black	Standard screw	2,5	Grey	SMA-m
710212	White	Standard screw	2,5	White	SMA-m
710213	Black	Standard screw	0,5	Grey	SMA-m
710234	Black	Standard screw	1,5	Grey	SMA-m
710284	White	Standard screw	1,5	White	SMA-m
710553	Grey	Standard screw	1,5	Grey	MCX-m angle
710214	White	Standard screw	0,5	White	SMA-m
710215	Black	Adhesive tape	0,5	Grey	SMA-m
710218	White	Adhesive tape	0,5	White	SMA-m
710219	White	Adhesive tape	2,5	White	SMA-m
710221	Black	Adhesive tape	2,5	Grey	SMA-m

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				

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

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

CONTACT US

**For more information about
this product contact your
sales representative or visit
> 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

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