

SmartBlade™ 5G Worldwide

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

710763, 710765



Description

Slim and compact adhesive mounted cellular antenna that delivers reliable connectivity across the entire 5G bandwidth.

Technologies

- 2G/3G/4G/5G

Features

- 5G antenna
- Easy installations with adhesive mount on glass or non-conductive surface
- Slim and flexible design make it suitable for curved surface mounting



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

SmartBlade™ 5G is an omnidirectional, multiband antenna with a slim and discreet design. It is full 5G antenna designed to meet a constant need for improved and reliable communications in M2M, vehicle, and energy applications.

Features

- Easy installations with adhesive mount on glass or non-conductive surface
- Radio systems: 2G/3G/4G/5G
- Frequency ranges: 617-960 MHz / 1427-1510 MHz / 1710-2690 MHz / 3400-4200 MHz/ 4400 – 5000 MHz
- Gain: 3 – 6 dBi
- Color: Black or Grey
- IP67

Applications

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

Certifications



SPECIFICATIONS



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Standard Configurations

Part Numbers	Type
710763	SmartBlade™ 5G black 0,5m RG316 SMA-m
710765	SmartBlade™ 5G black 2,5m RG316 SMA-m

Electrical Specifications – All Models

Frequency Ranges	617-790 MHz	790-960 MHz	1427-1510 MHz	1710-2690 MHz	3300-4200 MHz	4400-5000 MHz
VSWR	<2.5:1	<1.5:1	<2.6:1	<2.1:1	<1.8:1	<2.2:1
Gain	3.3 dBi	3.4 dBi	5.9 dBi	5 dBi	5.4 dBi	3.6 dBi
Efficiency	60%	70%	66%	60%	64%	48%
Nominal Impedance	50Ω					
Polarization	Linear					
Radiation Pattern (Horizontal)	Omnidirectional					
Max. Power	10W					

Mechanical and Environmental Specifications – All Models

Dimensions	124 x 24 x 4.4 (incl. 1.3mm 3M adhesive)
Weight	~20g
Connector	SMA-m Other connectors are available upon request.
Cable	RG316 Other cable lengths are available upon request.
Color	Black
Material	Dryflex, FR4
Operating / Storage Temperature	-40°C to +85°C
IP Class	IP65

CONTACT US

For more information about
this product, contact your
sales representative or visit
> pctel.com/antenna-products

Solving Complex Wireless Challenges

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