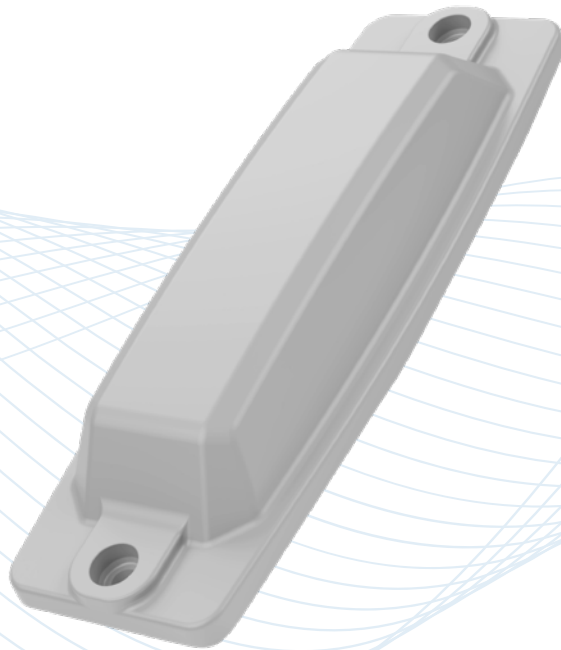


Low-Profile Wi-Fi 6E/7 Antenna Platform

Wi-Fi Antennas

710872, 710873, 710874



Description

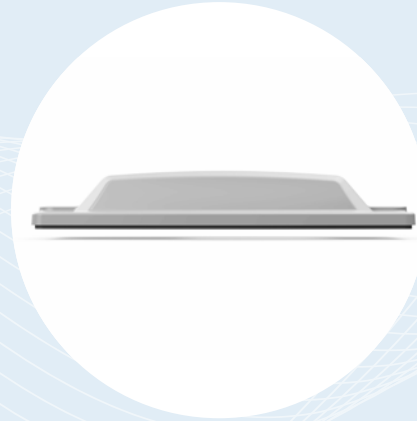
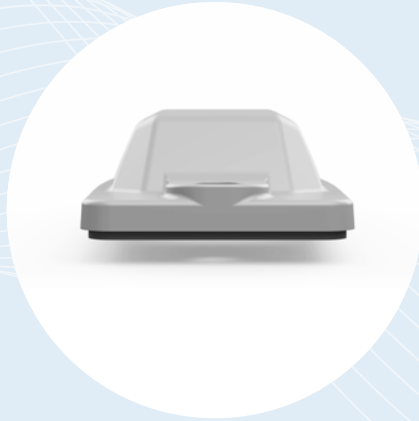
Low-profile Wi-Fi 6E/7 Antenna platform in a slim and discreet housing.

Technologies

- Wi-Fi 6E/7

Features

- Supporting wireless applications from 2.4-7.125 GHz
- Discreet low-profile housing
- Ground plane independent
- Designed for easy installation
- IP65



Low-Profile Wi-Fi 6E/7 Antenna Platform

Wi-Fi Antennas

The Low-Profile Wi-Fi 6E/7 Antenna Platform delivers high-performance connectivity across the 2.4 GHz, 5 GHz, 6 GHz, and 7.1 GHz bands. Its lightweight construction, combined with flexible side- or top-mounting options, enables easy integration on both conductive and non-conductive surfaces. Designed for Wi-Fi 6E and Wi-Fi 7, it features a discreet, slim form factor that integrates seamlessly into space-limited applications, providing a reliable and future-ready solution for modern wireless deployments.

Features

- Supporting wireless applications from 2.4-7.125 GHz
- Discreet low-profile housing
- Ground plane independent
- Designed for easy installation
- IP65

Applications

- Smart Home IoT
- Access points
- In-building and enterprise
- Office environments
- Indoor or outdoor Wi-Fi networks
- Industrial IoT
- Smart Cities

Certifications



SPECIFICATIONS



Low-Profile Wi-Fi 6E/7 Antenna Platform

Wi-Fi Antennas

Standard Configurations

Model	Cable	Connector
710872	RG316, 1.5m	RP-SMA-m
710873	RG316, 1.5m	SMA-m
710874	RG316, 0.5m	SMA-m

Other options are available upon request in terms of cable type, cable length, connectors etc. Please reach out to us for further information.

Electrical Specifications (All Models)

Frequency Range	VSWR	Typical Gain ¹	Efficiency ¹	Nominal Impedance	Polarization	Radiation Pattern	Max. Power
2.4 - 2.5 GHz	≤ 2.0:1	2 dBi	68%	50Ω	Linear	Omni-directional	20W
5.15 - 5.85 GHz	≤ 2.0:1	3.5 dBi	72%				
5.925 - 6.875 GHz	≤ 2.0:1	4 dBi	67%				
6.875 - 7.125 GHz	≤ 2.0:1	4 dBi	60%				

Mechanical and Environmental Specifications (All Models)

Physical

Dimensions (L x W x H)	136 x 47 x 22mm (5.35" x 1.85" x 0.87")
Installation	Screw mount
Weight	~50g (1.76 oz)
Color	Grey
Material	ASA (housing)
Optional	Plastic screw covers available upon request
Operating / Storage Temperature	-40°C to +85°C (-40°F to 185°F)

¹ Data based on antenna cable 20 cm. Other cable types or lengths may impact antenna performance.

CONTACT US

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

Solving Complex Wireless Challenges

PCTEL, an Amphenol company, is a leading global provider of wireless technology solutions, including purpose-built antenna systems and test and measurement products. Trusted by our customers for decades, we solve complex wireless challenges to help organizations stay connected, transform, and grow.



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