

Smarteq™ WLQ-4G Directional High Gain Cellular Antenna

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

WLQ-4G



Description

Wall-mounted, high gain directional cellular antenna featuring discreet design.

Technologies

- 2G, 3G, 4G and 5G
- NB-IoT
- 868/915 MHz
- LoRA

Features

- All LTE bands covered
- 698-960MHz and 1710-2690MHz
- IM3 verified



Smarteq™ WLQ-4 Directional High Gain Cellular Antenna

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

The Smarteq™ WLQ-4 is a directional high gain antenna for cellular and NB-IoT applications such as Smart City, Smart metering, and M2M applications. Wall-mounted, the WLQ-4 features an attractive, discreet design and easy to direct towards maximum signal strength. SMA-connector in the base of the antenna enables the use of low loss coaxial cables and customized installation.

Features

- Discreet design
- 2G / 3G / 4G/5G ready and NB-IoT
- Easy to point in the direction of high signal strength
- High gain on all frequency bands
- RoHS compliant

Applications

- Smart City
- Smart Metering
- M2M
- EV Charging
- Utilities
- CBRS

Certifications



SPECIFICATIONS



Smarteq™ WLQ-4 Directional High Gain Cellular Antenna

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

Electrical Specifications

Frequency Ranges	790-960MHz	1710-2690MHz	3300 – 3800MHz
VSWR (Typical)	< 2.0:1	< 2.0:1	< 2.3:1
Typical 3D Max. Gain	3.8dBi	4.5dBi	4.5dBi
Impedance		50Ω	
Polarization		Vertical	
Max. Power		15W	

Mechanical and Environmental Specifications

Physical

Dimensions (LxWxH)	146 x 36 x 151 mm
Weight	140g
Material	ABS
Color	White
Certification	RoHS compliant

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 29 years, we solve complex wireless challenges to help organizations stay connected, transform, and grow.



PCTEL, Inc.

T: +1 630 372 6800 | pctel.com

Specifications subject to change without notice. PCTEL® and Smarteq™ are trademarks or registered trademarks of PCTEL, Inc. ©2023 PCTEL, Inc. All rights reserved. (September 2023)