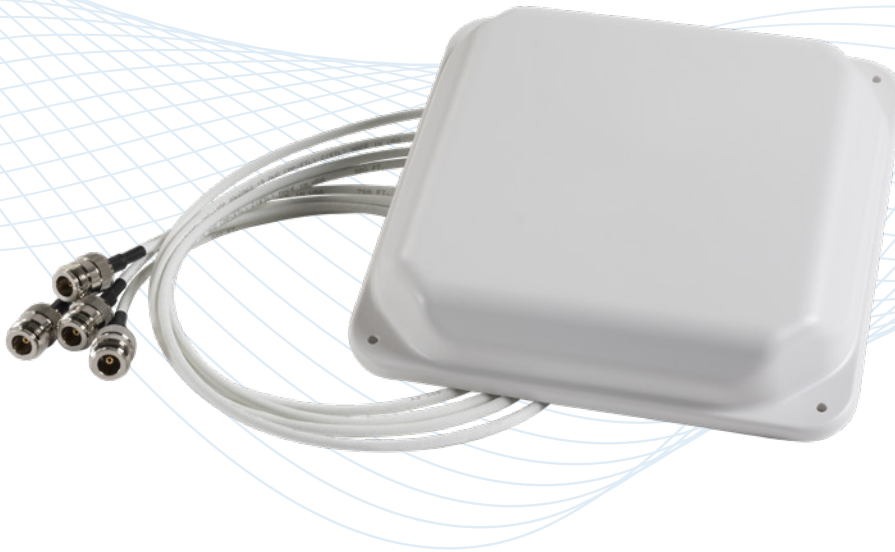


# VenU<sup>®</sup> Ultra-Flat Ceiling Mount CBRS Antenna

Cellular Antennas - Panel Antenna

PCTHP-CBRS-4-NF



## Description

Wideband, multiband omnidirectional antenna for indoor ceiling mount installations

## Technologies

- 5G Cellular

## Features

- Aesthetically pleasing, low-profile housing
- N Female connector termination
- Single stud mount cable exit for installation ease
- UL94 V0 listed materials and Plenum rated cable for compliance to strict building safety code specifications



## VenU® Ultra-Flat Ceiling Mount CBRS Antenna

### Cellular Antennas - Panel Antenna

The VenU® PCTHP-CBRS-4-NF is a wideband, multiband omnidirectional antenna for indoor ceiling mount installations. The antenna is designed to operate within the frequency ranges of 3400 MHz to 4200 MHz, providing optimized pattern coverage for indoor network applications.

#### Features

- Aesthetically pleasing, low-profile housing
- N Female connector termination
- Single stud mount cable exit for installation ease
- UL94 V0 listed materials and Plenum rated cable for compliance to strict building safety code specifications

#### Applications

- 5G
- In-Building and Enterprise Wireless

#### Certifications



# VenU<sup>®</sup> Ultra-Flat Ceiling Mount CBRS Antenna

## Cellular Antennas - Panel Antenna

### Standard Configuration

<b>Model</b>	PCTHP-CBRS-4-NF
<b>Cabel</b>	Four (4) 36-inch (920 mm) white RG-58 Plenum Rated
<b>Connector</b>	Four (4) N Female
<b>Mounting Method</b>	Ceiling Mount – Single 1.34" (34 mm) M18 x 1.0 threaded stud and plastic HEX nut. Includes four screws and wing nuts.

### Electrical Specifications

#### PCTHP-CBRS-4-NF

<b>Frequency Range</b>	3.3 - 4.2 GHz
<b>Typical Gain</b>	4 dBi
<b>VSWR</b>	< 2.1
<b>Max. Power Handling</b>	50 watts
<b>Nominal Impedance</b>	50 ohms
<b>Polarization</b>	Linear, vertical
<b>Azimuth Half Power Beamwidth</b>	360°
<b>Elevation Half Power Beamwidth</b>	

### Mechanical and Environmental Specifications

#### PCTHP-CBRS-4-NF

<b>Dimensions</b>	7.88" L x 7.88" W x 1.34" H in (197.5 L x 197.52 W x 63.3 H mm)
<b>Weight</b>	1.54 lbs (0.7 kg)
<b>Housing Material</b>	White, UV-stable ABS plastic
<b>Storage Temperature Range</b>	-40°C to +85°C
<b>Operating Temperature Range</b>	-30°C to +65°C

**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, an Amphenol company, 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 decades, we solve complex wireless challenges to help organizations stay connected, transform, and grow.



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