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Cambium Networks N800082D009A PTP 820 2' Antenna, SP, 80GHz, RFU-E TYPE & UG387 - Andrew

SKU
WIF-CB-00015
MPN
N800082D009A

Description

The Cambium Networks N800082D009A, also known as the PTP 820 2' ANT, is a high-performance antenna designed for demanding applications requiring robust RF connectivity. Operating within the 71-86 GHz frequency range, this antenna is engineered for optimal performance with a peak gain of 50.0 dBi and a VSWR of less than 1.5:1, ensuring efficient signal transmission and reception. Its compact design, measuring 660 x 307 x 252 x 45 x 289 mm and weighing 8 kg, makes it suitable for various installations, including those in challenging environments, thanks to its wide operational temperature range.

This antenna is ideal for service providers, enterprises, and governmental organisations looking to establish reliable communication networks over extensive distances, even across rugged terrains. Its linear polarisation and superior front-to-back ratio of over 69 dB enhance signal clarity and reduce interference, making it a perfect choice for...

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Cambium Networks

Cambium Networks enables service providers; enterprises; governmental and military agencies; oil, gas and utility companies; Internet service providers; and public safety organizations to build powerful communications networks, reach users from 200 kilometers across mountain tops down to their devices, and intelligently manage their business Wi-Fi infrastructure through end-to-end network ...

RF Specification

VHLP2-80/A

Start Frequency
71000 MHz
Stop Frequency
86000 MHz
Polarisation
Linear
Input Impedance
50 Ω
Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	Return Loss	VSWR	Azimuth	Elevation	F/B Ratio	XPD
71000 MHz	86000 MHz	50 dBi	> 14 dB	< 1.5:1	0.5°	0.5°	> 69 dB	> 30 dB

Physical Specification

MIMO
1x1 SISO
Dimensions
660 x 307 x 252 x 45 x 289
Weight
8 kg
Compliance/Certifications
ISO 9001 Quality Management

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