

VenU[®] Directional CBRs Panel Antenna

Cellular Antennas - Panel

FPMI34005-DP4MSMA



Description

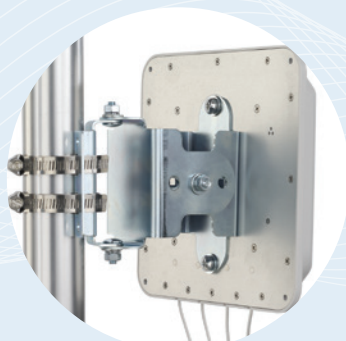
Compact directional panel antenna

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



FPM-1005 mount

VenU® Directional CBRS Panel Antenna

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The VenU® PCTHP-CBRS-4-NF is a compact, low profile directional panel antenna that operates at CBRS frequencies. This antenna is ideal for indoor or outdoor installations supporting CBRS networks, including small cells and DAS.

Features

- Low-profile housing – Blends well with environments where aesthetic considerations are important
- Ease of installation – Includes a heavy-duty articulating mounting bracket for mast or pipe installations
- Meets high compliance standards – UL 94 HB ASA radome and PC board conform to UL's high flame retardant rating; meets stringent building code requirements

Applications

- CBRS networks
- Small cells
- DAS

Certifications



RoHS
COMPLIANT

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Standard Configuration

Model	FPMI34005-DP4MSMA
Cables	Four (4) 36-inch UL94 RG-316
Connectors	Male SMA
Mounting Method	Adjustable wall mounting bracket included

Electrical Specifications – RF Antenna

FPMI34005-DP4MSMA

Frequency Range	3.3-4.2 GHz
Typical Gain	3.5 dBi
VSWR	< 2.2:1
Azimuth Half Power Beamwidth	< 110±10
Front-to-Back Ratio	18 dB typical
Average Power	20 watts
Port-to-Port Isolation	-50.9 dB @ 3.4 GHz -40.0 dB @ 3.3 GHz -45.0 dB @ 4.2 GHz
Nominal Impedance	50 ohms
Polarization	Vertical, linear, ± 45° slant linear

Mechanical and Environmental Specifications

FPMI34005-DP4MSMA

Dimensions (L x W x H)	7.88 L x 7.88 W x 1.34 H in (200 x 200 x 34 mm)
Weight	1 lb (0.45 kg)
Radome Color	White UV-stable ASA
Ingress Protection	IP67 (<i>when installed according to manufacturer's intallation instructions</i>)
Rated Wind	135 mph
Operating Temperature Range	-40°C to +65°C
Storage Temperature Range	-40°C to +85°C
Housing Material	White UV-stable ASA

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 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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