

VenU® Directional CBRS Panel Antennas

The FPMI34005-DP4MSMA is a compact, low profile directional panel antenna that operates at CBRS frequencies. The UV-protected radome is constructed from lightweight, durable plastic. This new antenna is ideal for indoor or outdoor installations supporting CBRS networks, including small cells and DAS.

Features

- UL 94 HB ASA radome and PC board conform to UL's high flame retardant rating, allowing maximum installation flexibility
- Meets stringent building code requirements
- Attractive, low-profile housing blends well with indoor and outdoor environments where aesthetic considerations are important
- Includes a heavy-duty articulating mounting bracket for mast or pipe installations



FPMI34005-DP4MSMA



FPM-1005 mount



STANDARD CONFIGURATION

Model	Cable	Connector	Mount
FPMI34005-DP4MSMA	Four 36-inch UL94 RG-316	Male SMA	Adjustable wall mounting bracket included

ELECTRICAL SPECIFICATIONS - RF ANTENNA

Model	Frequency Range	Gain (Typ.)	VSWR	Azimuth Half Power Beamwidth
FPMI34005-DP4MSMA	3.3-4.2 GHz	3.5 dBi	< 2.2:1	< 110±10

ELECTRICAL SPECIFICATIONS - RF ANTENNA, continued (ALL MODELS)

Front to Back Ratio	Average Power	Port-to-Port Isolation	Nominal Impedance	Polarization
18 dB typical	20 watts	-50.9 dB @ 3.4 GHz -40.0 dB @ 3.3 GHz -45.0 dB @ 4.2 GHz	50 ohms	Vertical, linear, ± 45° slant linear

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS (ALL MODELS)

Dimensions	Weight	Housing Material	Ingress Protection	Rated Wind	Operating Temperature	Storage Temperature Range
7.88 L x 7.88 W x 1.34 H in (20 x 20 x 3.4 cm)	1 lb (0.45 kg)	White UV-stable ASA	IP67*	135 mph	-40°C to +65°C	-40°C TO +85°C

* When installed according to the manufacturer's installation instructions.