

# VenU® Dual-Band, 802.11ac 8-Port Sector Antenna

The dual-band 8-port sector antenna provides spatial diversity coverage of 2.4 and 5 GHz broadband wireless frequencies in an attractive, low-profile housing. The platform was designed for outdoor installations utilizing 802.11ac multi-band wireless LAN access point radios. It provides optimal coverage for venues with a large number of mobile data users.



FPMI2458-VP8

### Features

- Dual-band coverage of 2.4 GHz and 5 GHz broadband wireless frequencies
- Four 2.4 GHz and four 5 GHz integrated elements terminated with high performance, low loss plenum cable
- Low-profile radome
- Includes heavy articulating mount for wall or mast mount installations
- Adjustable articulating mounting bracket included
- Antenna may be mounted flat to a wall and painted to match its background\*

## STANDARD CONFIGURATION

Model	Cable	Connector	Mounting Method:
FPMI2458-VP8-NF	Eight 60-inch ± 2 PFP240UF (cable assemblies with N Male terminations included)	Eight N Female connectors	Adjustable mounting bracket for wall or pipe mount included.

## ELECTRICAL SPECIFICATIONS - RF ANTENNA

Frequency Range	Typical Gain	Peak Gain	Vertical Beamwidth	Horizontal Beamwidth	Maximum Power	Nominal Impedance	Polarization	VSWR	Front-to-Back Ratio
2.4-2.5 GHz / 5.15-5.875 GHz	5.7 dBi / 4 dBi	7 dBi / 6 dBi	90° / 60°	100° / 75°	25 watts	50 ohms	Vertical	< 2.0:1	> 15 dBi

## MECHANICAL SPECIFICATIONS

Dimensions	Weight	Housing Material	Rated Wind	Temperature Range
7.15 L x 15.71 W x 2.0 D in (18.1 x 39.9 x 5.1 cm)	2.9 lbs (1.3 kg)	White, UL 94 HB plastic	125 mph	-40°F to +158°F (-40°C to +70°C)

\* Non-metallic paint only