



VenU® Dual-Polarization, 802.11 ac 4-Port Sector Antennas

The four port sector antennas can be used for 802.11ac MIMO applications operating in the 5.1-5.9 GHz frequency range. The UV-stable radome is constructed from lightweight, durable plastic. The four elements can also be used individually or in combination with legacy 802.11 access points.

Features

- UL listed radome and PC board materials conform to UL's high burn flame retardant rating, for added installation flexibility
- Attractive, low-profile housing blends well with indoor and outdoor environments where aesthetic considerations are important
- Adjustable articulating mounting bracket included



STANDARD CONFIGURATION

Model	Cable	Connector	Mounting Method:
FPMI58-DP404NM	Four 58-inch +/- 2 RG-58PLW, Plenum	N Male	Adjustable mounting bracket for wall or pipe mount included.
FPMI58-DP410NM	Four 58-inch +/- 2 RG-58PLW, Plenum	N Male	Adjustable mounting bracket for wall or pipe mount included.
FPMI58-DP403NM	Four 58-inch +/- 2 RG-58PLW, Plenum	N Male	Adjustable mounting bracket for wall or pipe mount included.
FPMI58-DP403RPSM	Four 58-inch +/- 2 RG-58PLW, Plenum	RPSMA Male	Adjustable mounting bracket for wall or pipe mount included.

ELECTRICAL SPECIFICATIONS - RF ANTENNA

Model	Frequency Range	Typical Gain	Peak Gain	Vertical Beamwidth	Horizontal Beamwidth	Maximum Power	Nominal Impedance
FPMI58-DP404NM	5.1-5.9 GHz	3.5 dBi	4.5 dBi	40°	30°	25 watts	50 ohms
FPMI58-DP410NM	5.1-5.9 GHz	10.5 dBi	11.5 dBi	40°	30°	25 watts	50 ohms
FPMI58-DP403NM	5.1-5.9 GHz	2.5 dBi	5.8 dBi	40°	55°	25 watts	50 ohms
FPMI58-DP403RPSM	5.1-5.9 GHz	2.5 dBi	5.8 dBi	40°	55°	25 watts	50 ohms

ELECTRICAL SPECIFICATIONS - RF ANTENNA, continued

Model	Polarization	VSWR	Front-to-Back Ratio	Front-to-Side Ratio
FPMI58-DP404NM	Dual linear	< 2.0:1	> 20 dB	15 dB @ 5 GHz
FPMI58-DP410NM	Dual linear	< 2.0:1	> 20 dB	15 dB @ 5 GHz
FPMI58-DP403NM	Dual linear	< 2.0:1	> 20 dB	15 dB @ 5 GHz
FPMI58-DP403RPSM	Dual linear	< 2.0:1	> 25 dB	15 dB @ 5 GHz

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Dimensions	Weight	Housing Material	Rated Wind	Temperature Range
7.15 x 9.81 x 5.1 in (18.1 x 24.9 x 12.9 cm)	3 lbs (1.36 kg)	White, UL 94 HB plastic	125 mph	-22°F to +176°F (-30°C to +80°C)