## CMAX-DMF4-43-WI53



Low PIM Directional 4X4 MIMO In-Building Antenna, 698–960 MHz, 1695–2700 MHz and 3300-4000MHz

Product Classification						
Product Type	In-building	g antenna				
General Specifications						
Application	Indoor/Ou	Indoor/Outdoor				
Antenna Type	Directiona	Directional				
Antenna Array Characteristic	MIMO 4x4	MIMO 4x4				
Polarization	±45°	±45°				
Color	White	White				
Number of Ports	4					
Pigtail Cable	670-141S	XE, plenum rated				
Radome Material	ASA+PC, U	JV stabilized				
RF Connector Interface	4.3-10 Fer	nale				
Dimensions						
Width	332 mm	13.071 in				
Length	458 mm	18.032 in				
Pigtail Length	450 mm	17.717 in				
Depth	100 mm	3.937 in				
Electrical Specifications						
Impedance	50 ohm					
Operating Frequency Band	1695 – 27	00 MHz   3300	– 4000 MHz   698	– 960 MHz		
Electrical Specification Frequency Band, MHz 69	S 98–800	800–960	1695–2200	2200–2700	330	
	000	000-900	1033-2200	2200-2700	550	

3300–4000

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## CMAX-DMF4-43-WI53

Gain, dBi	7	7.5	7.5	7.8	7.7
Beamwidth, Horizontal, degrees	90	80	71	67	68
Beamwidth, Vertical, degrees	70	69	72	73	69
Front-to-Back Ratio, Copolarization 180° ± 30°, dB	15	15	15	15	15
Isolation, Cross Polarization, dB	18	20	25	25	25
VSWR   Return loss, dB	1.7   11.7	1.7   11.7	1.7   11.7	1.7   11.7	1.7   11.7
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153	-153
Input Power per Port, maximum, watts	100	100	100	100	100

## **Environmental Specifications**

Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Relative Humidity	Up to 100%
Ingress Protection Test Method	IEC 60529:2001, IP65

## Packaging and Weights

Width, packed	390 mm   15.354 in	
Depth, packed	215 mm   8.465 in	
Length, packed	665 mm   26.181 in	
Included	Mounting bracket	
Net Weight, with mounting kit	4.3 kg   9.48 lb	
Packaging quantity	1	
Weight, gross	6.2 kg   13.669 lb	

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