CMAX-DMF2-43-WI53



Low PIM Directional MIMO Antenna 4G/5G/C-Band, 698–960 MHz, 1695–2700 MHz and 3300-4200MHz

Product Type	Indoor/outdoor antenna
General Specifications	
Application	Indoor/Outdoor
Antenna Type	Directional
Antenna Array Characteristic	MIMO 2x2
Polarization	±45°
Color	Light Gray (RAL 7035)
Number of Ports	2
Radome Material	PVC, UV resistant
RF Connector Interface	4.3-10 Female
Dimensions	
Dimensions Width	287 mm 11.299 in
	287 mm 11.299 in 132 mm 5.197 in
Width	
Width Depth	132 mm 5.197 in
Width Depth Length	132 mm 5.197 in
Width Depth Length Electrical Specifications	132 mm 5.197 in 380 mm 14.961 in
Width Depth Length Electrical Specifications Impedance	132 mm 5.197 in 380 mm 14.961 in 50 ohm

Electrical Specifications

Frequency Band, MHz	698-960	1695-2200	2200-2700	3300-4200
Gain, dBi	7.9	8.8	8.9	8.5
Beamwidth, Horizontal, degrees	77	67	57	54

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Beamwidth, Vertical, degrees	60	53	59	54
Front-to-Back Ratio, Copolarization 180° ± 30°, dB	12	17	20	16
Isolation, Cross Polarization, dB	20	25	25	25
VSWR Return loss, dB	1.5 14.0	1.5 14.0	1.5 14.0	1.5 14.0
PIM, 3rd Order, 2 x 20 W, dBc	-153	-153	-153	-153
Input Power per Port, maximum, watts	100	100	100	100

Mechanical Specifications

Wind Loading @ Velocity, maximum	345.0 N @ 241 km/h (77.6 lbf @ 150 mph)
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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	340 mm 13.386 in
Depth, packed	210 mm 8.268 in
Ingress Protection Test Method Packaging and Weights Width, packed	IEC 60529:2001, IP65 340 mm 13.386 in

Length, packed	590 mm 23.228 in
Included	Mounting bracket
Weight, gross	3.5 kg 7.716 lb
Weight, net	2.5 kg 5.512 lb

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