

CMAX-D-43-WI53-O



Low PIM Directional Antenna, Indoor/Outdoor, 698–960 MHz, 1710–2700, 3300–4200 MHz

- PIM, 3rd Order, 2x20W, maximum dBc: <-153
- VSWR | Return Loss, maximum dB: <1.8 | 10.9

Product Classification

Product Type Indoor/outdoor antenna

General Specifications

Application Indoor/Outdoor

Antenna Type Directional

Polarization Vertical

Color White (RAL 9016)

Mounting Wall mounting plate and Poles between 30–50 mm with supplied clamps

Number of Ports 1

Pigtail Cable 670-141FEP, plenum rated

Radome Material ASA, UV stabilized

RF Connector Interface 4.3-10 Female

Dimensions

Width 180 mm | 7.087 in

Depth 60 mm | 2.362 in

Length 180 mm | 7.087 in

Pigtail Length 500 mm | 19.685 in

Electrical Specifications

Impedance 50 ohm

Operating Frequency Band 1710 – 2700 MHz | 3300 – 4200 MHz | 698 – 960 MHz

Electrical Note Values typical, unless otherwise stated

Electrical Specifications

Frequency Band, MHz	698–960	1710–2700	3300–4200
---------------------	---------	-----------	-----------

CMAX-D-43-WI53-0

Gain, dBi	7.5	8	8.5
Beamwidth, Horizontal, degrees	95	67	33
Beamwidth, Vertical, degrees	60	48	15
VSWR Return loss, maximum, dB	1.8 10.9	1.8 10.9	1.8 10.9
PIM, 3rd Order, maximum, 2 x 20 W, dBc	-153	-153	-153
Input Power per Port, maximum, watts	100	100	100

Mechanical Specifications

Wind Loading @ Velocity, maximum	254.0 N @ 241 km/h (57.1 lbf @ 241 km/h)
Wind Speed, maximum	241 km/h (150 mph)

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	215 mm 8.465 in
Depth, packed	96 mm 3.78 in
Length, packed	305 mm 12.008 in
Net Weight, with mounting kit	0.68 kg 1.499 lb
Packaging quantity	1
Weight, gross	0.85 kg 1.874 lb
Weight, net	0.5 kg 1.102 lb