

CELLMAX-D-43-WI



Low PIM Directional In-building Antenna, 698–960 MHz, 1710–2700, 3300–3800MHz

Product Classification

Product Type In-building antenna

General Specifications

Application Indoor/Outdoor
Antenna Type Directional
Polarization Vertical
Color White
Mounting 4-hole wall mounting plate and hardware (included)
Number of Ports 1
Pigtail Cable 670-141SXE, plenum rated
Radome Material ASA+PC, UV stabilized
RF Connector Interface 4.3-10 Female

Dimensions

Width 170 mm | 6.693 in
Depth 60 mm | 2.362 in
Length 180 mm | 7.087 in
Pigtail Length 300 mm | 11.811 in

Electrical Specifications

Impedance 50 ohm
Operating Frequency Band 1710 – 2700 MHz | 3300 – 3800 MHz | 698 – 960 MHz
Electrical Note Values typical, unless otherwise stated

Electrical Specifications

Frequency Band, MHz	698–960	1710–2700	3300–3800
Gain, dBi	6.6	7.9	6.9

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Beamwidth, Horizontal, degrees	85	64	34
Beamwidth, Vertical, degrees	73	65	39
VSWR Return loss, dB	1.7 11.7	1.7 11.7	1.7 11.7
PIM, 3rd Order, 2 x 20 W, dBc	-150	-150	-150
Input Power per Port, maximum, watts	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, IP55

Packaging and Weights

Width, packed	170 mm 6.693 in
Depth, packed	75 mm 2.953 in
Length, packed	240 mm 9.449 in
Net Weight, with mounting kit	0.6 kg 1.323 lb
Packaging quantity	1
Weight, net	0.43 kg 0.948 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ROHS	Compliant
UK-ROHS	Compliant

