

IV02OMI136-M4

NWAV™ Wide Band OMNI/MIMO Antenna

MIMO 360° High Performance OMNI antenna, 2 ports 617-5925 MHz

- Outstanding pattern performance
- 2x2 MIMO iDAS and Small Cell ceiling mount antenna
- Wide band OMNI covering 617-5925 MHz
- PIM certified @ 2x20 watts
- Excellent Return Loss performance
- Thru-mount for normal tile and surface mount for metallic tile and hard surface applications



Electrical specification

Frequency bands, MHz	617-649	650-697	698-806	824-894	880-960	1695-1890	1890-1910	1910-2180	2300-2500	2500-2690	3400-3549	3550-4200	5150-5925
Polarization, degrees	Vertical												
Impedance, ohms	50												
Horizontal beamwidth	Omni (360°)												
Gain, dBi, max	4.8				6.2			5.1		6.2		9.6	
Gain, dBi, average	3.7				5.7			5.1		5.4		8.0	
Isolation, dB, typical	18	20			25				24		24		
VSWR / return loss, dB, max	1.6:1/-12.5	1.7:1/-11.0	1.5:1/-14.0	1.5:1/-14.0	1.8:1/-10.8	1.5:1/-14.0	1.5:1/-14.0	1.5:1/-14.0	1.5:1/-14.0	1.5:1/-14.0	1.6:1/-13.0	1.5:1/-14.1	1.6:1/-13.3
PIM @ 2x43 dBm	-153				-153				N/A				
Maximum input power port	40 W												

Mechanical specifications

Dimensions width/depth, in. (mm)	8.0/ 2.75 (203/ 69.9)
No. of RF input ports, connector type	2 x 4.3-10 female
Connector torque	44.25 lbf-in (5 N·m or 3.7 lbf-ft)
Antenna weight, lb (kg), net	0.9 (0.41)
Shipping weight, lb (kg)	1.4 (0.64)
Mounting	Ceiling or surface mount
Application	Indoor
Operating temperature	-40 °F to +140 °F (-40 °C to +60 °C)
Pigtails	12 in. Plenum rated

Order information

MODEL	DESCRIPTION
IV02OMI136-M4	Low profile OMNI-MIMO with 4.3-10.0 pigtaills