



# IV01OMI136-S4

NWAV™ Wide Band OMNI | SISO Antenna

## SISO 360° High Performance OMNI antenna, 1 port 617-5925 MHz

- Outstanding pattern performance
- SISO 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	617-650	650-719	719-824	824-894	894-960	1695-1890	1890-1910	1910-2180	2300-2500	2500-2690	3400-3550	3550-4200	5150-5925
Polarization, degrees	Vertical												
Impedance, ohms	50												
Horizontal beam-width	Omni (360°)												
Gain, dBi, max	4.2			6.5			7.4		6.7		8.6		
Gain, dBi, average	3.6			6.0			7.4		6.1		7.4		
VSWR / return loss, dB, max	1.6:1/-12.5	1.65:1/-12.2	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	1 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



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## Order information

MODEL	DESCRIPTION
IV01OMI136-S4	Low profile OMNI-SISO with 4.3-10.0 pigtails

For installation instructions, see [IV0XOMI136 Antenna Installation Guide 81900516](#).