

# IV01OMI136-S4

## NWAV™ Wide Band OMNI | SISO Antenna

### MIMO 360° High Performance OMNI antenna, 2 ports 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	617-649	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	4.2				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	1.7:1/ -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	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

#### Order information

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