

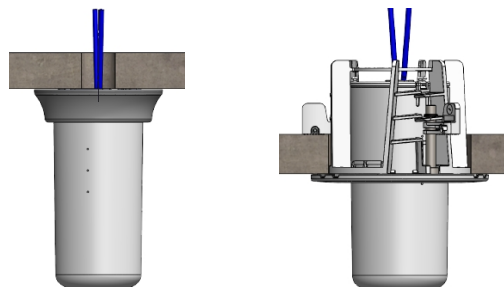


IX02OMI136-M4

NWAV™ Wide Band OMNI|MIMO Antenna

MIMO 360° High Performance OMNI antenna, 2 ports 3400-4200 MHz

- Outstanding pattern performance
- 2x2 MIMO iDAS ceiling mount antenna
- Wide band OMNI covering 3400-4200 MHz
- PIM certified @ 2x20 watts
- Excellent Return Loss performance
- Thru-mount for normal tile and surface mount for hard surface applications



Electrical specification			
Frequency bands, MHz	3400-3550	3550-3700	3700-4200
Polarization, degrees	Cross polar		
Impedance, ohms	50		
Horizontal beamwidth	Omni (360°)		
Gain, dBi, max	5.8	6.0	6.2
Gain, dBi, average	5.4	5.6	5.8
Isolation, dB, typical	24	24	24
VSWR / return loss, dB, max	1.6:1/ -13.0	1.5:1/ -14.1	1.6:1/ -13.3
PIM @ 2x43 dBm	-145		
Maximum input power port	20 W		

Mechanical specifications	
Dimensions height/diameter, 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 (maximum ceiling tile thickness of 1.25") or surface mount
Application	Indoor
Operating temperature	-4 °F to +131 °F (-20 °C to +55 °C)
Pigtails	12 in. Plenum-rated
Installation instructions	IX02OMI136-M4 installation instructions

Ceiling tile mount	Surface mount
<p>[139.93mm] 5.509in [114.30mm] \varnothing 4.500in HOLE SIZE IN TILE [91mm] 3.583in [96.40mm] 3.795in</p>	<p>[114.30mm] \varnothing 4.500in [30.10mm] \varnothing 1.185in [180.1mm] 7.09in</p>
<p>[115,47mm] 4,546in ANTENNA SECURED INTO THE COLLAR MIDDLE POSITION</p>	
<p>[134,54mm] 5,297in ANTENNA SECURED INTO THE COLLAR LOWER POSITION</p>	

Order information

MODEL	DESCRIPTION
IX02OMI136-M4	Enhanced 3.5 GHz OMNI-MIMO with 4.3-10.0 pigtails