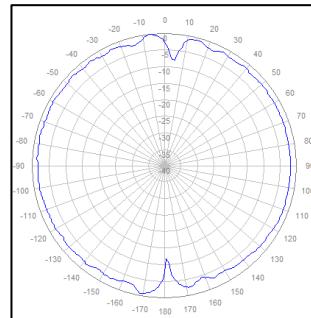


**V-Pol, Quad-Port 9" [229 mm] 360° OMNI Antenna**
**(2) 1695–1880/1920–2180 MHz & (2) 2490–2690MHz**

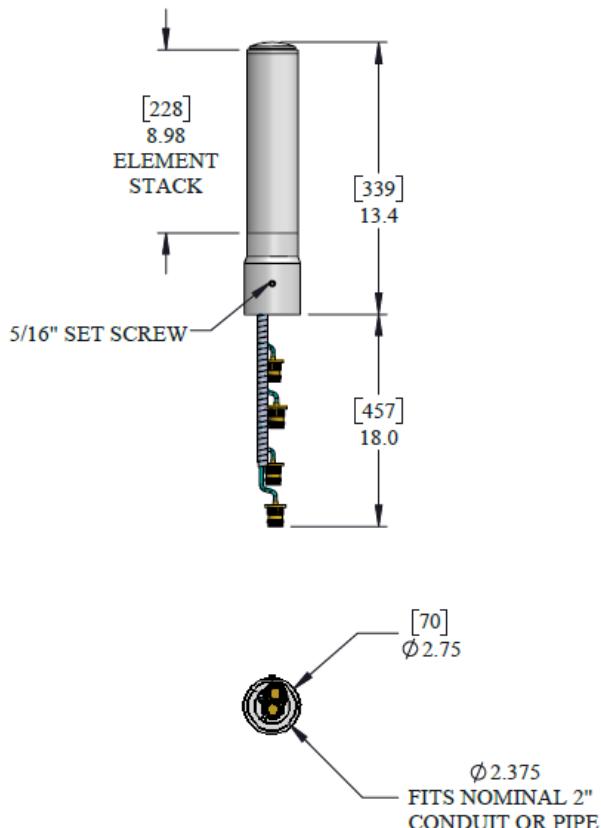
- Ideal small cell, metro-deployment antenna
- Compact size for minimal visual impact
- MIMO capable in both bands
- Suitable for LTE/UMTS/GSM technologies
- Optimized width for reduced wind loading



Electrical specification (minimum/maximum)	Ports 1 & 2		Ports 3 & 4
Frequency bands, MHz	1695–1880	1920–2180	2490–2690
Polarization	V		V
Average gain over all tilts, dBi	4.5	4.5	4.5
Horizontal beamwidth (HBW), degrees <sup>1</sup>	360		360
Vertical beamwidth (VBW), degrees <sup>1</sup>	36	34	34
Electrical downtilt (FET) range, degrees	0		0
Minimum intraband isolation, port-to-port, dB	15	15	15
Minimum interband isolation, port-to-port, dB	11	11	11
Maximum VSWR/return loss, dB	1.7/ -12.7		1.7/ -12.7
Maximum passive intermodulation (PIM), 2x5 W carrier, dBc	-158		
Maximum input power per any port, watts	5		5


<sup>1</sup> Typical value over frequency and tilt

Mechanical specifications	
Dimensions height/diameter, inches (mm) [incl. mounting]	9 [13.4]/ 2.75 (228[339]/70)
Color	RAL 7035 (grey)
No. of RF input ports, connector type and location	4 x 4.3-10 female, with pigtailed
RF connector torque	96 lbf-in (10.85 N m or 8 lbf-ft)
Net antenna weight, lb (kg)	1.77 (0.8)
Rated wind survival speed, mph (km/h)	150 (241)



## Array topology

2 sets of radiating arrays

B1 – 1695–1880/1920–2180 MHz  
Y1 – 2490–2690 MHz

Band	RF Port
1695-1880/1920-2180	1 & 2
2490-2690	3 & 4



## Ordering information

Antenna model	Description
CV04OMI136-01	9 in V-Pol 4 Port OMNI 360, 4.3-10