

Omni Antennas

5G/4G/LTE/3G/WiFi/WiFi 6/IoT/ISM, Helium 5G, 600MHz to 8GHz, 360deg Coverage

1 Ports: 1x1 Single Omni Antennas, Model: OF0680-L1-G7

2Ports: 2x2 MiMO Omni Antennas, Model: OF0680-L2-G7

4Ports: 4x4 MiMO Omni Antennas, Model: OF0680-L4-G7

Description: Wideband 600MHz to 8GHz, Linear Polarized;

Gain: 1.5dBi~7dBi

Applications:

Indoor or outdoor Coverage, public safety DAS

5G, LTE System in crowded building to insure data speed

iDAS, GPS, CDMA,GSM, DCS, 3G/UMTS, WiFi, ISM Application

WiFi, WiFi6, WiFi6E, WLAN IEEE 802.11a/b/g/n, NB-IoT, RFID



Electrical Specification

Frequency (MHz)	617-960	1600-2170	2170-3800	3800-4900	4900-5825	5825-8000
Polarization	Vertical					
Gain (Peak)	2.7dBi	5.4dBi	6.5dBi	6.2dBi	5.3dBi	6.6dBi
Efficiency	66%	73%	86%	84%	83%	85%
VSWR (typ)	<3.3	< 2.9	< 1.8	< 2.0	<2.0	<2
Isolation 2x2 MiMO	>14dB	>20dB	>22dB	>23dB	>30dB	>30dB
Isolation 4x4 MiMO	>12dB	>18dB	>21dB	>24dB	>25dB	>30dB
Polarization	Vertical					
H-plane	360° / Omni					
Impedance	50 Ω					
Max Power	100 Watts					

Mechanical Specification

Connector	1x N-Female / 2x N-Female / 4 x N-female / customized
WaterProof	IP67
Radome Material	Fiberglass
Dimension	Φ22.5×230mm
Weight	1port: 0.4kg/ 2ports:0.7kg/4ports:1.kg
Pole Mount	U-Bolt for Pole Dia: 30mm ~ 48mm
Temperature Range	-45°C to +75°C
Storage Temperature	-50°C to +75°C

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