



## 4.9 GHZ OMNI-DIRECTIONAL ANTENNAS

- OM-4.9-4
- OM-4.9-6
- OM-4.9-8

### DESCRIPTION

These Omni-directional antennas are designed for the licensed 4.9 GHz Public Safety Band for rapid deployment of broadband wireless communications. Government agencies can transfer critical information such as maps, building details, missing persons and video over a wireless connection.

### APPLICATION

- Base Station antennas for multiple point networks.

### SPECIFICATIONS

#### Electrical

MODEL	OM-4.9-4	OM-4.9-6	OM-4.9-8
FREQUENCY	4.94 - 4.99 GHz	4.94 - 4.99 GHz	4.94 - 4.99 GHz
GAIN	4 dBi	6 dBi	8 dBi
IMPEDANCE	50 Ohm	50 Ohm	50 Ohm
VSWR	< 2:1	< 2:1	< 2:1
POLARIZATION	Vertical	Vertical	Vertical
HPBW "H" PLANE	360 Deg.	360 Deg.	360 Deg.
"E" PLANE	48 Deg.	30 Deg.	19 Deg.
CROSS POL REJECTION	20 dB	20 dB	20 dB
TERMINAL TYPE	N Female	N Female	N Female
MAXIMUM INPUT POWER	50 Watts	50 Watts	50 Watts

#### Mechanical

MODEL	OM-4.9-4	OM-4.9-6	OM-4.9-8
RADOME	Polycarbonate	Polycarbonate	Polycarbonate
ANTENNA SIZE	4.4"	6.0"	9.625"
DIAMETER	0.625"	0.625"	0.625"
WEIGHT	0.344 lbs	0.354 lbs	0.372 lbs
MOUNT	4.825" x 5.75"	4.825" x 5.75"	4.825" x 5.75"

WADE Antenna's ongoing policy of continuing development may result in specification changes to its products.

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