



## 5.8 GHz Omni-directional Antennas:

**OM-5.8-4**  
**OM-5.8-6**  
**OM-5.8-8**

### DESCRIPTION

These 50 Ohm, 5.8 GHz, Omni-directional antennas are intended for use in fixed outdoor or indoor applications, with or without power amplification. The mounting bracket is included for flat surfaces or a mast (**approx. weight 0.2 lbs**).

### SPECIFICATIONS

#### ELECTRICAL

MODEL	OM-5.8-4	OM-5.8-6	OM-5.8-8
FREQUENCY	5.7-5.85 GHz	5.7-5.85 GHz	5.7-5.85 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
CONNECTOR	N Female	N Female	N Female
MAXIMUM INPUT POWER	50 Watts	50 Watts	50 Watts

#### MECHANICAL

	OM-5.8-4	OM-5.8-6	OM-5.8-8
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.