

# WADE ANTENNA LTD.



## 2.4 GHz Omni-directional Base Station Antennas:

**OM-2.4-4B**  
**OM-2.4-6B**  
**OM-2.4-8B**  
**OM-2.4-11B**

### DESCRIPTION

These 50 Ohm, 2.4 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**).

### APPLICATION

Base Station antennas for multiple point networks.

### SPECIFICATIONS

#### ELECTRICAL

MODEL	OM-2.4-4B	OM-2.4-6B	OM-2.4-8B	OM-2.4-11B
FREQUENCY	2400—2560 MHz	2400—2560 MHz	2400—2560 MHz	2400—2560 MHz
GAIN	4.0 dBi	6.0 dBi	8.0 dBi	11.0 dBi
IMPEDANCE	50 Ohm	50 Ohm	50 Ohm	50 Ohm
VSWR	2:1	2:1	2:1	2:1
F/B RATIO	N/A	N/A	N/A	N/A
POLARIZATION	VERTICAL	VERTICAL	VERTICAL	VERTICAL
HPBW "E" PLANE	48 DEGREES	30 DEGREES	19 DEGREES	9.5 DEGREES
"H" PLANE	360 DEGREES	360 DEGREES	360 DEGREES	360 DEGREES
CROSS POL REJECTION	20 dB	20 dB	20 dB	20 dB
TERMINAL TYPE	N FEMALE	N FEMALE	N FEMALE	N FEMALE
MAXIMUM INPUT POWER	50 WATTS	50 WATTS	50 WATTS	50 WATTS

#### MECHANICAL

SIZE	1.25" DIAMETER X 9.0"	1.25" DIAMETER X 13.0"	1.25" DIAMETER X 21.0"	3.5" DIAMETER X 38.5"
RADOME	PC PLASTIC	PC PLASTIC	PC PLASTIC	ABS PLASTIC
WEIGHT	0.2 LBS (0.07 KG)	0.4 LBS (0.15 KG)	0.6 LBS (0.22 KG)	1.4 LBS (0.67 KG)
MOUNTING	UP TO 2" O.D. MAST or WALL	UP TO 2" O.D. MAST or WALL	UP TO 2" O.D. MAST or WALL	UP TO 2" O.D. MAST or WALL
WIND AREA (SQ. FT)	0.05	0.07	0.12	0.62

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