

# WADE ANTENNA LTD.



## 2.4 GHz Yagi Antennas:

**Y2410**  
**Y2413**  
**Y2414-HP**

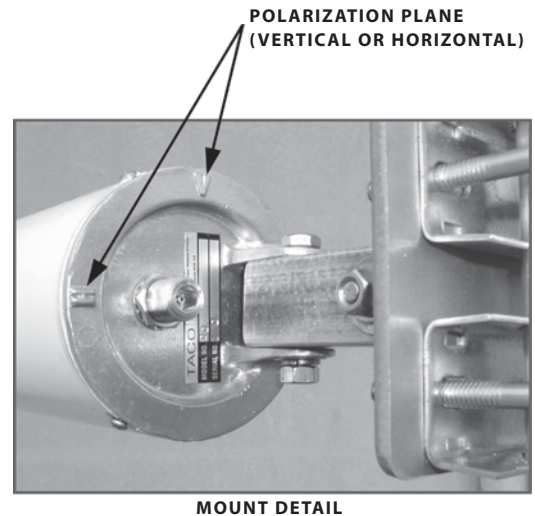
### DESCRIPTION

These 50-Ohm Yagi antennas are completely enclosed in a rugged fiberglass radome. The radome provides protection from the environment. The elements are constructed from printed circuitboard to provide consistent performance. The antenna mount accommodates vertical and horizontal adjustment.

### APPLICATION

Point-to-Point networks.  
These antennas are intended for short distances.

### SPECIFICATIONS



MOUNT DETAIL

#### ELECTRICAL

MODEL	Y2410	Y2413	Y2414-HP
FREQUENCY	2500 MHz $\pm$ 4%	2500 MHz $\pm$ 4%	2500 MHz $\pm$ 4%
GAIN	10 dBi	13 dBi	14 dBi
IMPEDANCE	50 Ohm	50 Ohm	50 Ohm
VSWR	LESS THAN 1.5:1	LESS THAN 1.5:1	LESS THAN 1.5:1
F/B RATIO	>20 dB	>20 dB	>30 dB
POLARIZATION	HORIZONTAL OR VERTICAL	HORIZONTAL OR VERTICAL	HORIZONTAL OR VERTICAL
HPBW "E" PLANE	63 DEGREES	45 DEGREES	38 DEGREES
"H" PLANE	82 DEGREES	58 DEGREES	49 DEGREES
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

SIZE	4" DIAMETER X 7"	4" DIAMETER X 18"	4" DIAMETER X 24"
WEIGHT	4 LBS (1.82 KG)	6 LBS (2.72 KG)	9 LBS (4.09 KG)
HOUSING	ABS RADOME	ABS RADOME	ABS RADOME
MOUNTING	2" O.D. MAST OR WALL	2" O.D. MAST OR WALL	2" O.D. MAST OR WALL

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