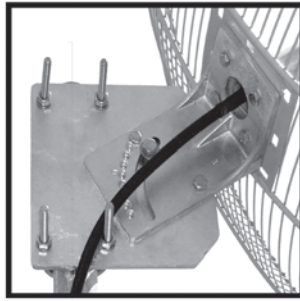


# WADE ANTENNA LTD.



D2423-HP



DELK

## 2.4 GHz Parabolic Antennas:

**D2417**  
**D2423**  
**D2423-HP**

### DESCRIPTION

These sturdy high gain parabolic antennas are constructed from welded steel rod for maximum rigidity and minimum wind loading. The antenna can be mounted horizontally or vertically. An optional adjustment arm is available to provide up to 60 ° tilt upward or downward (DELK).

### APPLICATION

Long range point-to-point connections.

### SPECIFICATIONS



MOUNT DETAIL

#### ELECTRICAL

MODEL	D2417	D2423	D2423-HP
FREQUENCY	2500 MHz $\pm$ 7.5%	2500 MHz $\pm$ 7.5%	2500 MHz $\pm$ 7.5%
GAIN	17 dBi	23 dBi	23 dBi
IMPEDANCE	50 Ohm	50 Ohm	50 Ohm
VSWR	LESS THAN 1.5:1 $\pm$ 4%	LESS THAN 1.5:1 $\pm$ 4%	LESS THAN 1.5:1 $\pm$ 4%
F/B RATIO	LESS THAN 2.0:1 $\pm$ 7.5%	LESS THAN 2.0:1 $\pm$ 7.5%	LESS THAN 2.0:1 $\pm$ 7.5%
POLARIZATION	25 dB	28 dB	30 dB
HPBW "E" PLANE	HORIZONTAL OR VERTICAL	HORIZONTAL OR VERTICAL	HORIZONTAL OR VERTICAL
"H" PLANE	18 DEGREES	11 DEGREES	11 DEGREES
CROSS POL REJECTION	20 DEGREES	12 DEGREES	12 DEGREES
TERMINAL TYPE	> 20 dB	> 20 dB	> 20 dB
MAXIMUM INPUT POWER	"N" FEMALE	"N" FEMALE	"N" FEMALE
	50 WATTS	50 WATTS	50 WATTS

#### MECHANICAL

SIZE	20" X 24"	27" X 30"	39" DIAMETER
CONSTRUCTION	WIRE GRID PARABOLA	WIRE GRID PARABOLA	WIRE GRID PARABOLA
WEIGHT	4 LBS (1.82 KG)	6 LBS (2.72 KG)	9 LBS (4.09 KG)
TORQUE:			
No Ice	17 FT-LBS	27 FT-LBS	30 FT-LBS
¼" Ice	70 FT-LBS	140 FT-LBS	100 FT-LBS
MOUNTING	2" O.D. MAST	2" O.D. MAST	2" O.D. MAST