

# WADE ANTENNA LTD.



DELK

## 5.8 GHz Parabolic Antennas:

**D5827**  
**D5830**  
**D5832**

### DESCRIPTION

These 5.8 GHz solid parabolic dishes include a tilt mount for ease of installation. The solid aluminum provides a high frontback ratio (30 dB or more). These solid dishes are also available in 2.4 GHz and 3.4 GHz frequency bands.

### APPLICATION

Point-to-Point networks over longer distances.  
Client site for multi-point network.

### SPECIFICATIONS

#### ELECTRICAL

MODEL	D5827	D5830	D5832
FREQUENCY	5.7—5.85 GHz	5.7—5.85 GHz	5.7—5.85 GHz
GAIN	27.5 dBi	30.0 dBi	32.5 dBi
IMPEDANCE	50 Ohm	50 Ohm	50 Ohm
VSWR	2:1	2:1	2:1
F/B RATIO	30 dB	32 dB	34 dB
POLARIZATION	HORIZONTAL OR VERTICAL	HORIZONTAL OR VERTICAL	HORIZONTAL OR VERTICAL
HPBW "E" PLANE	7.0 DEGREES	5.3 DEGREES	4.0 DEGREES
"H" PLANE	7.0 DEGREES	5.3 DEGREES	4.0 DEGREES
CROSS POL REJECTION	25 dB	25 dB	25 dB
TERMINAL TYPE	N FEMALE	N FEMALE	N FEMALE
MAXIMUM INPUT POWER	20 WATTS	20 WATTS	20 WATTS

#### MECHANICAL

SIZE	24" DIAMETER X 12" DEPTH	32" DIAMETER X 12" DEPTH	43" DIAMETER X 16" DEPTH
DISH MATERIAL	SOLID ALUMINUM DISH	SOLID ALUMINUM DISH	SOLID ALUMINUM DISH
FEED MATERIAL	ABS PLASTIC	ABS PLASTIC	ABS PLASTIC
WEIGHT	5 LBS (2.38 KG)	8 LBS (3.81 KG)	12.5 LBS (5.95 KG)
MOUNTING	UP TO 2" O.D. MAST	UP TO 2" O.D. MAST	UP TO 2" O.D. MAST