

Model PT2421, PT2424

2.4 GHz Grid Dish Antennas



The 2.4 GHz directional grid dish antennas from YDI offer high gain for reliable long-range wireless data communication at an economical price. They incorporate grill style reflectors and a feed element integrated with a lead-in cable terminated in an N-Male connector. Installation is simple using traditional U-bolts, accommodating poles or pipes with diameters between 3/4" and 2". Each antenna comes complete with mounting hardware and assembly instructions. The Model PT2424 with 24 dB gain will provide maximum point-to-point operating range.

Unlike similar type grid dish antennas made from aluminum or magnesium, these antennas are made from steel and are very rugged. They are completely waterproof and will provide years of reliable error-free operation. They are ideally suited for any 2.4 GHz Direct Sequence or Frequency Hopping Spread Spectrum Radios or Wireless LAN cards.

APPLICATIONS

- 2.4 GHz Spread Spectrum radio modems
- Wireless LAN Links
- Wireless Bridges
- MMDS Systems

Model PT2421
shown in a vertically
polarized mounting.



Model PT2424
in a horizontally
polarized mounting.



Specifications

Models:	PT2421	PT2424
Gain:	20.5db +/-1dB	23.5dB +/-1dB
VSWR:	<1.5:1	
Beamwidth(-3dB):	12°	10°
Side Lobes:	> 20dB	
F/B ratio:	> 28dB	
Cross Pol Rejection:	25dB	28dB
Impedance:	50 ohms	
Polarization:	Linear	
Size:	24" x 19"	26" x 30"
Antenna Weight:	4.26 lbs.	7.02 lbs.
Shipping Weight:	6 lbs.	8 lbs.
Dimensional Weight:	50 lbs	70 lbs
Wind Loading:	80 lbs@ 125 MPH	130 lbs@ 125 MPH
Mounting:	3/4" to 2" OD Mast size	
Finish:	Power coat paint, Gray	Galvanized Steel
Connector:	N-Male on 2 ft. lead-in cable	
Open Temp:	-40°C to +80°C	
Price:	\$179.00	\$149.00

Specifications subject to change without notice

Rev C Feb. 2003

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