

Model PT2421, PT2424

2.4 GHz Grid Dish Antennas



The new 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 1 3/4". 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.



Model PT2421 shown in a vertically polarized mounting.

PT2421

- ◆ Frequency Range: 2150 – 2700 MHz
- ◆ True 21 dB Gain
- ◆ Focal Length: 11 inches
- ◆ Efficiency 47% Typical
- ◆ Beamwidth 12° - 15°
- ◆ Dimensions: 24" x 20"
- ◆ Weight: 7 lbs.



The Model PT2424 Parabolic Grid Dish Antenna shown horizontally polarized

PT2424

- ◆ Frequency Range: 2150 – 2700 MHz
- ◆ True 24 dB Gain
- ◆ Focal Length: 15 inches
- ◆ Efficiency 50% Typical
- ◆ Beamwidth 10° - 13°
- ◆ Dimensions: 32" x 27"
- ◆ Weight: 11 lbs.

BOTH GRID ANTENNAS

- ◆ Quasi Log Periodic End Fire Array Feedhorn
- ◆ Humidity Leak Tested 100% Sealed
- ◆ F/D Ratio .46 – .56
- ◆ VSWR 1.5:1 Max
- ◆ Connector "N" Type Male 50 Ohms
- ◆ Mounting Clamps 3/4" to 2" O.D. Mast Size
- ◆ Polarization Adjustable to Vertical or Horizontal
- ◆ Finish Chromate, Power Paint
- ◆ Mounting Hardware

Applications

- ◆ 2.4 GHz Spread Spectrum radio modems
- ◆ Wireless LAN Links
- ◆ Wireless Bridges

<u>MODEL</u>	<u>GAIN</u>	<u>PRICE</u>
PT2421	21 dBi	\$149.00
PT2424	24 dBi	\$179.00

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