

# 2.4GHz 19dBi Directional Panel Antenna

Model Number TR-PAN24-19

Rapidus Wireless  
Networks Inc.

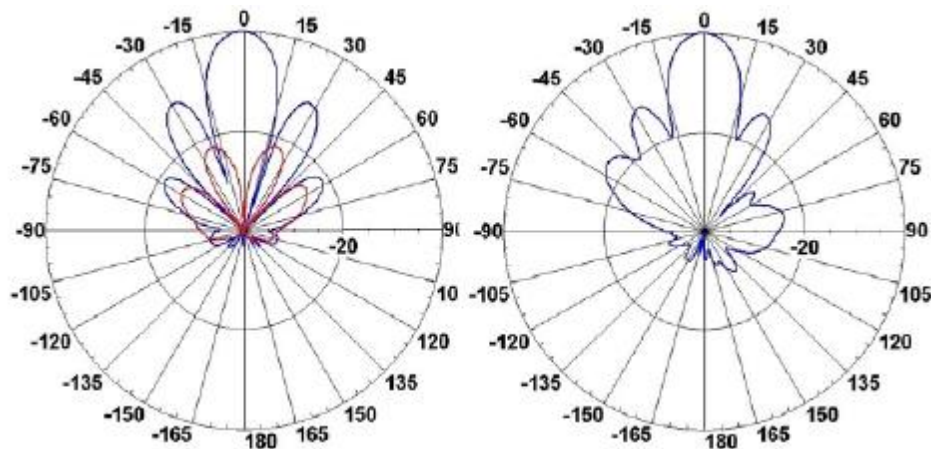
## Electrical Specifications

Frequency range	2400 - 2500 MHz	
Gain	19 dBi (min)	
VSWR	1.2:1 (typ)	
3dB Beamwidth	Horizontal	17° ± 1°
	Vertical	21.5° ± 2°
Polarization	Horizontal or Vertical	
Front to Back Ratio	-38dB (max)	
Sidelobes Level	-12dB (max)	
Cross Polarization Horizontal	Vertical	-28dB (max)
	Vertical	-38dB (max)
Input Impedance	50Ω	
Input power	6W (max)	
Lightning Protection	DC Grounded	

## Mechanical Specifications

Connector	N-Type Female	
Dimensions (L x W x D)	16.18" x 14.43" x 2"	
Weight of Antenna	3.25lbs	
Installation position adjustment Angle of Pitch	Horizontal	360°
	0 - 25°	
Radome Material	UV stabilized	
Wind Loading	100 mph	182 N
	125 mph	285 N

## Antenna Patterns



## Recommended Accessories

### Lightning Arrestors

- 350V, 100MHz to 3GHz,  
N Fem to N Fem  
(p/n PAWSP3-350-FF)
- 350V, 100MHz to 3GHz,  
N Fem to N Male  
(p/n SP3-90-6-FM)
- 230V, DC to 6GHz,  
N Female to N Female  
(p/n PAWSP6-230-BFF)
- 230V, DC to 6GHz,  
N Female to N Male  
(p/n PAWSP6-230-BFM)

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