

2.4GHz 19dBi Directional Panel Antenna

Model Number TR-PAN24-19

About Tranzeo

Tranzeo Wireless Technologies Inc. (TSX:TZT) leads the wireless broadband industry for value, by producing high-performance wireless network equipment with a low cost of ownership and unparalleled service, allowing communities and businesses to communicate without boundaries. Within its state-of-the-art manufacturing facility, Tranzeo designs and produces all of its equipment for quick installation, ease of use and minimal maintenance. Since the company's inception in 2000, Tranzeo's optimum cost effectiveness, premium quality and responsive support have attracted a growing and devoted worldwide following of more than 2,465 dealers and 18 distributors. Tranzeo's full spectrum of point-to-point and point-to-multipoint radios, WiMAX equipment, and mesh network solutions are designed for wireless internet service providers, governments, campuses, military, carriers, enterprise customers, and systems integrators around the globe.

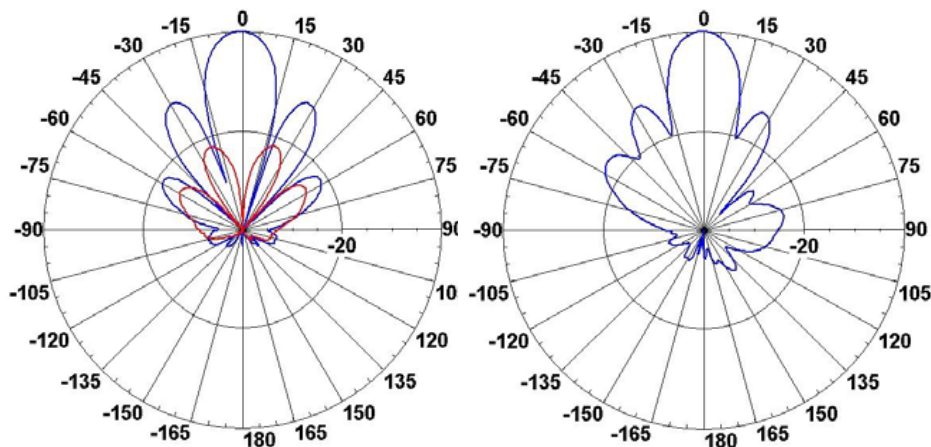
Electrical Specifications

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	-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	Horizontal	360°
	Angle of Pitch	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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