

3.5GHz 17dBi Directional Panel Antenna

Model Number TR-PAN365-17

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.

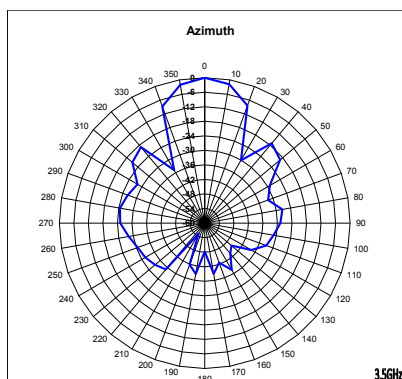
Electrical Specifications

Frequency range	3300 - 3800 MHz
Gain	17 +/- 0.5 dBi
VSWR	1.5:1 (typ) 1.7:1 (max)
3dB beamwidth	24° (typ)
Polarization	Horizontal or Vertical
Front to Back Ratio	-15dB (max)
Sidelobes Level	-12dB (max)
Cross Polarization	-15dB (max)
Input Impedance	50Ω
Input power	6W (max)
Lightning Protection	DC Grounded

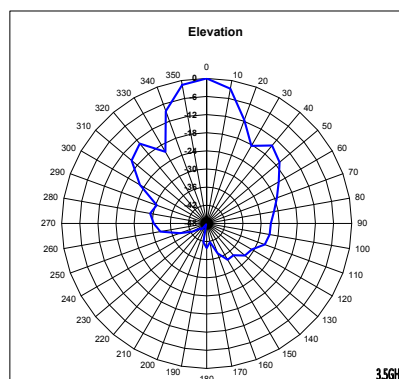
Mechanical Specifications

Connector	N-Female	
Dimensions (L x W)	10.38" x 8.63" x 3"	
Weight of Antenna	1.5lbs	
Installation position adjustment	Horizontal	360°
	Angle of Pitch	0 - 25°
Radome Material	UV stabilized	
Wind Loading	100 mph	72 N
	125 mph	112 N

Antenna Patterns



Azimuth Radiation Pattern



Elevation Radiation Pattern



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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