

# 3.5GHz 16dBi 90° Vertical Sector Antenna

Model Number TR-35V-90-16

## About Tranzeo

Tranzeo Wireless Technologies, Inc. has emerged as an industry leader in designing, manufacturing and distributing high-speed wireless broadband communication systems worldwide.

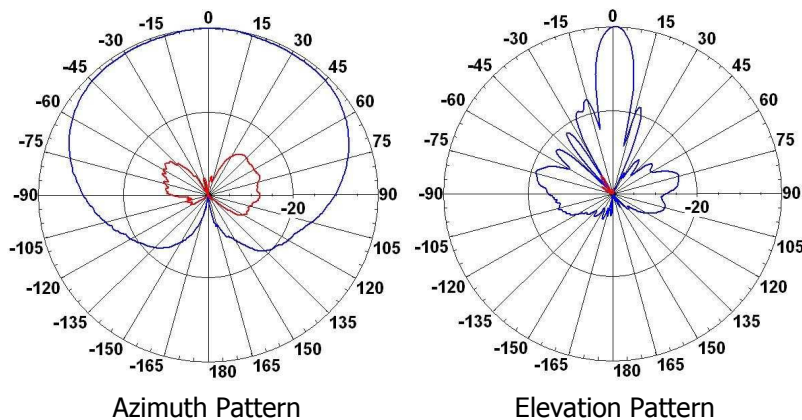
## Electrical Specifications

<b>Frequency range</b>	3.3 - 3.8 GHz
<b>Gain</b>	15 dBi
<b>VSWR</b>	1.5:1 (typ) 1.7:1 (max)
<b>Impedance</b>	50Ω
<b>Azimuth Beamwidth</b>	90°
<b>Elevation Beamwidth</b>	9°
<b>Polarization</b>	Vertical
<b>Maximum input power</b>	50W (max)
<b>Front to Back Ratio</b>	25dB
<b>Connector</b>	N-Female

## Mechanical Specifications

<b>Dimensions (L x W x D)</b>	573 x 95 x 53 mm	
<b>Weight of Antenna</b>	1.5 lbs	
<b>Installation position adjustment (angle of pitch)</b>	45°	
<b>Installation Pole (OD)</b>	1 - 2"	
<b>Radome Material</b>	UV Protected Plastic	
<b>Wind Loading</b>	<b>100 mph</b>	67 N
	<b>125 mph</b>	105 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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