

# 5.8GHz 16dBi 90° Vertical Sector Antenna

Model Number TR-58V-90-16

## Distributors

### North American

Double Radius, Inc.  
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sales@doubleradius.com

Electro-Comm  
Distributing, Inc.  
1 800 525 0173  
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RF Linx Corporation  
513 777 2774  
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Streakwave  
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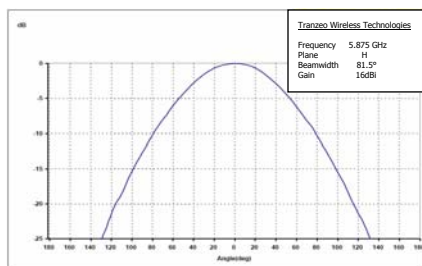
## Electrical Specifications

Frequency range	5150 - 5875 MHz	
Gain	16dB	
VSWR	1.7	
Impedance	50Ω	
3dB Beamwidth	Elevation	5°
	Azimuth	90°
Polarization	Vertical	
Maximum input power	50W	
Front to back Ratio	25dB	
Cross Polarization, max.	20dB	
Connector	N-Female	
Lightning Protection	DC Grounded	

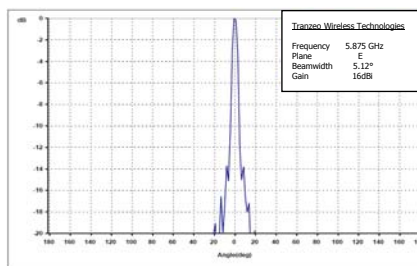
## Mechanical Specifications

Dimensions (L x W x H)	21.8" x 3" x 2.1"	
Radome Material	UV Protected PVC	
Wind Loading	100 mph	52 N
	125 mph	81 N

## Antenna Patterns



H-Plane



E-Plane



## 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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