

Variable Sector Antenna

**4.94-5.875 GHz, 35-130° Beamwidth,
18.5-13.5 dBi**



Part Number: SL-ANT-VS5

- Wide range of beamwidths, 1 SKU
- Mechanical slide for easy field adjustments
- Ultra wideband frequency performance
- High gain antenna in compact package
- Low profile, rugged design for outdoor use
- US Engineered
- Manufactured under strict US quality control procedures

Electrical Specifications						
Frequency Range	4.94-5.875 GHz					
Polarization	Single Linear - Vertical					
3dB Horizontal (AZ) Beamwidth	35°	45°	60°	90°	120°	130°
Gain (dBi)	18.5	17.5	16.5	15	14	13.5
3dB Vertical (EL) Beamwidth	7.5 deg					
VSWR 4.94-5.875 GHz	1.4:1 Typ 1.7:1 Max					
Front-to-Back Ratio	>25 dBi					
Cross Polarization	>30 dBi					
Sidelobe Level	>12 dBi					
Power Rating	50 watts					
Impedance	50 ohms					
Lightning Protection	DC ground					

Mechanical and Environmental Specifications	
Length x Width x Depth	23in x 6.4in x 3.3in (58.4cm x 16.2cm x 8.4cm)
Weight	6.0lbs (2.72kg)
Radome	UV stabilized ABS plastic, gray
Wind Survivability	125mph (201kph)
Wind Load	1.0ft ² (.09m ²)
Operating Temperature Range	-49°F to 140°F (-45°C to 65°C)
Pole Mount Diameter Range	2.0in to 3.0in (5.0cm to 7.5cm)
Environmental	IP 65
Connector	Type-N Jack
Mechanical Downtilt	30 deg

Shipping Information	
<u>Sizes and Weights</u>	<u>Description</u>
28x10x9", 8.8 lbs (69x25x21cm, 4 kg)	Single Pack

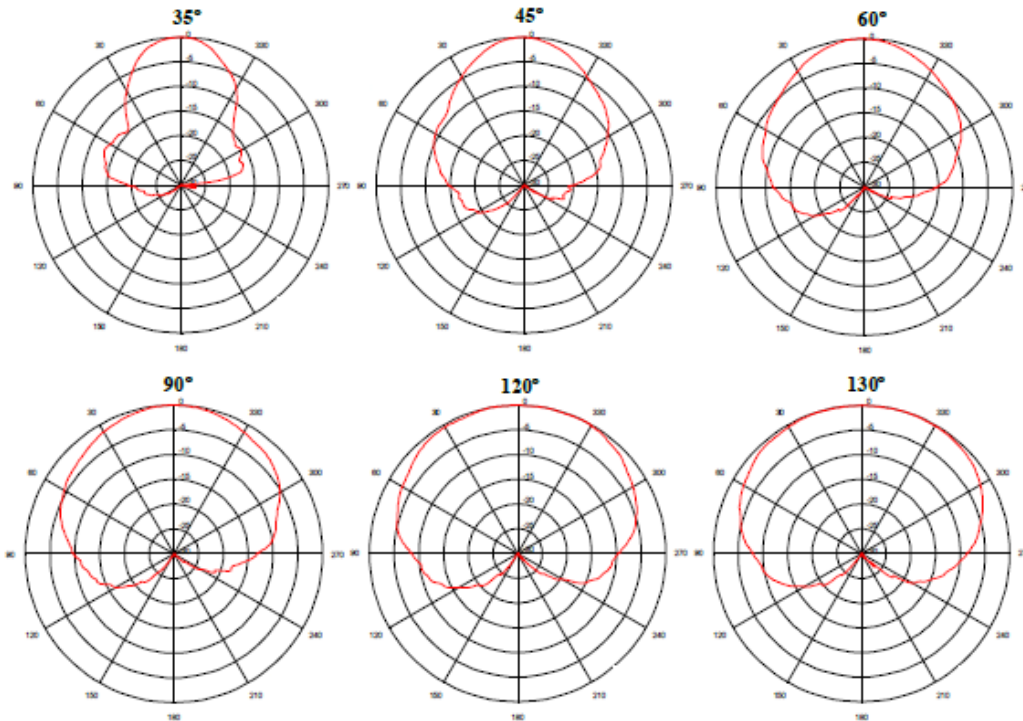
Ordering Information	
<u>Part#</u>	<u>Description</u>
	Sector, 5.8GHz, Variable Gain, Variable Beam Width, Type-N Jack, W/ Bracket

4.94-5.875 GHz Variable Beam Width
Sector Antenna

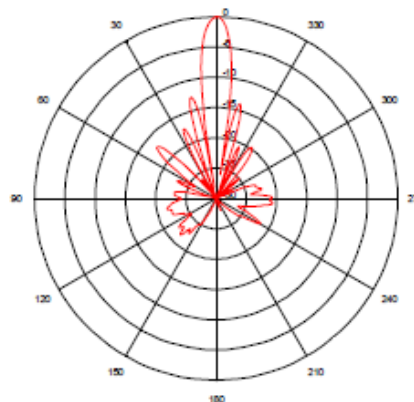


Part Number: SL-ANT-VS5

RF Patterns Horizontal Cut, typ.



RF Patterns Vertical Cut, typ.



Specifications subject to change without notice

AUBURN, CA USA 95602 TEL: +1 (530) 887-8300 TOLL FREE: (888) 415-9633 FAX : +1 (530) 889.1255
www.ascendancewireless.com sales@ascendancewireless.com support@ascendancewireless.com

The information presented herein is to the best of our knowledge true and accurate. No warranty or guarantee expressed or implied is made regarding the capacity, performance or suitability of any product. Product specifications subject to change without notice.