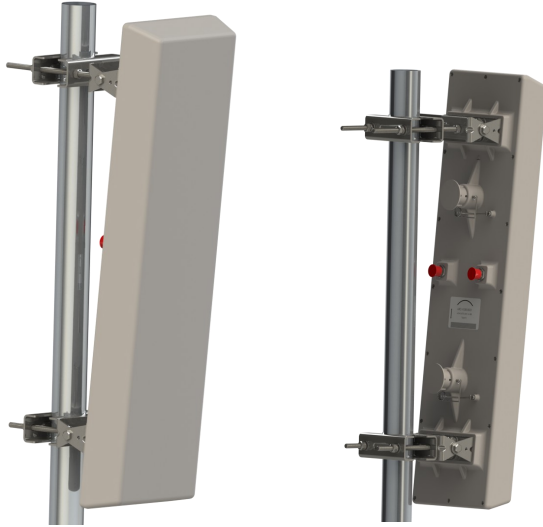


**ARC EXSITE™ Dual Polarization  
Variable Beamwidth Sector Antenna**  
4.94-5.875 GHz, 60-120° Beamwidth, 21-19 dBi



**Part Number: ARC-VS5821SD1**



- ◆ 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	Dual Linear - Vertical and Horizontal		
Horizontal (AZ) Beamwidth*	60°	90°	120°
Gain (dBi)	21	20	19
Vertical (EL) Beamwidth	4.0 deg		
VSWR 4.94-5.875 GHz	1.5:1 Typ 2.0:1 Max		
Front-to-Back Ratio	>25 dB		
Cross Polarization	>25 dB		
Sidelobe Level	>12 dB		
Port to Port Isolation	>25 dB		
Power Rating	20 watts		
Impedance	50 ohms		
Lightning Protection	DC ground		

Mechanical and Environmental Specifications	
Length x Width x Depth	28in x 6.4in x 2.5in <i>(Excluding Bracket and Adjustment Slide)</i>
Weight	9.0 lbs
Radome	UV stabilized ABS plastic, gray
Wind Survivability	125mph (201kph)
Wind Load	0.67ft <sup>2</sup>
Operating Temperature Range	-49°F to 149°F (-45°C to 65°C)
Pole Mount Diameter Range	2.0in to 2.75in (5.0cm to x.xcm)
Environmental	IP 65
Connector	Type-N Jack (2)
Mechanical Downtilt	+15 deg / -30 deg

Shipping Information	
<u>Sizes and Weights</u>	<u>Description</u>
31x10x8", Weight 11.0 lbs	Single Pack

Ordering Information	
<u>Part #</u>	<u>Description</u>
ARC-VS5821SD1	4.94-5.875GHz, 60-120deg, 21-19dBi, Variable Sector Antenna, Type-N Jack (2), Dual Pol

\* All beam widths are listed at the 3dB point except for 120° beam on horizontal polarization is listed at the 6dB point

Don't see what you need? Contact us to discuss alternate configurations

**www.antennas.com**

Specifications subject to change without notice

See [www.antennas.com](http://www.antennas.com) for warranty information