

5 GHz 9 dBi N-Male Omni Antenna

Data Sheet | SD.AN-5M109-KB

Electrical Specifications

• Frequency Range	5100 ~ 5950 MHz
• Antenna Gain	9 dBi
• Polarization	Linear, Vertical
• Horizontal Beamwidth	360° (-3 dB)
• Vertical Beamwidth	11° (-3 dB)
• Electrical Tilt	0°
• VSWR	2 (Max.)
• Impedance	50 Ω
• Power Handling	200 W (Max.)

Physical Specifications

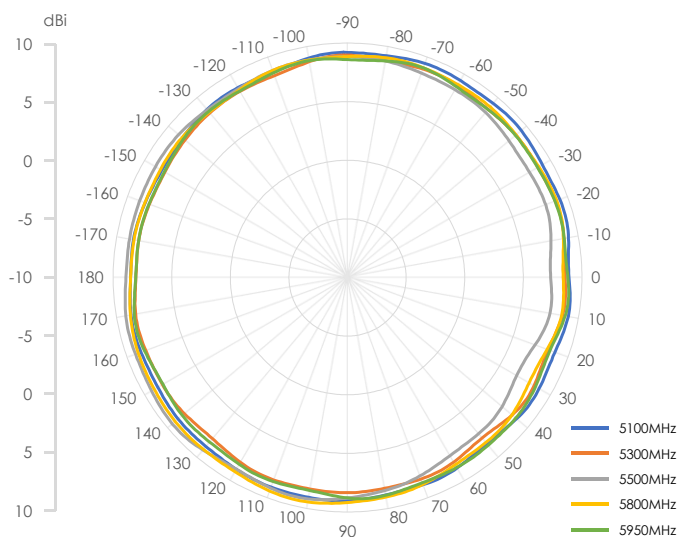
• Dimensions	Ø19.6 x 400 mm
• Weight	200 g
• Radome Material	Body: Fiberglass; Cap: ABS
• Radome Color	White
• Connector	1 x N-Type Male
• Installation	Direct Mount

Environmental Specifications

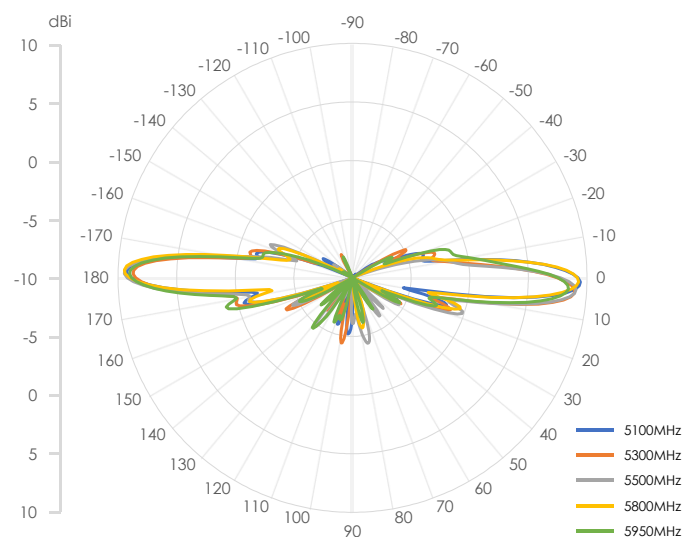
• Operating Temperature	-40°C ~ +70°C
• Storage Temperature	-45°C ~ +80°C
• Humidity	5% ~ 95% RH (Non-Condensing)
• Wind Loading	198 km/hr (123 mph)
• Weatherproof	IP65 Compliant



Radiation Patterns

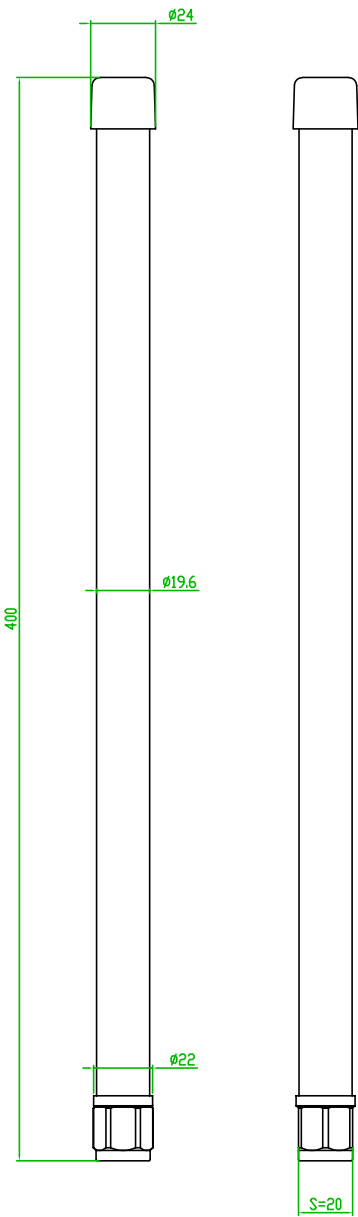


Azimuth Plane



Elevation Plane

Dimensions



Product Ordering Information	
Standard Package	
Part No.: SD.AN-5M109-KB	• 5 GHz 9 dBi Omni Antenna with N-Male Connector
Contact Us	
• Email: sales@altaitechnologies.com or info@altaitechnologies.com	

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The information contained herein is subject to change without prior notice.