

Electrical Specifications

• Frequency Range	2.4 – 2.5 GHz
• Gain	15 dBi
• Polarization	Dual Slant $\pm 45^\circ$
• Horizontal Beamwidth	120° (-6 dB), 85° (-3 dB)
• Vertical Beamwidth	11° (-6 dB), 8° (-3 dB)
• Side Lobes Level	-10 dB (Max.)
• VSWR	2 (Max.)
• Front-to-back Ratio	-25 dB (Max.)
• Isolation	20 dB (Min.)
• Impedance	50 Ω
• Lightning Protection	DC Ground

Environmental and Mechanical Specifications

• Temperature	-40 °C to +80 °C
• Humidity	95% at 55°C
• Wind Loading	Up to 216 km/h (134 mph)
• Radome Color	Gray
• Radome Material	ABS, UV Resistant
• Weight	2.3 kg
• Dimensions	806 x 122 x 57 mm
• Connector	2 x N-female
• Mechanical Downtilt	+22/-17° (Max.)

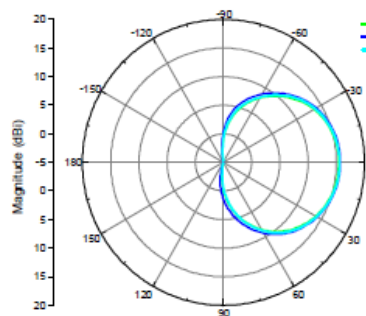


Mounting Scenario

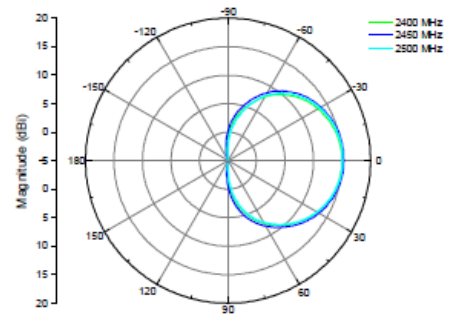


Antenna Patterns

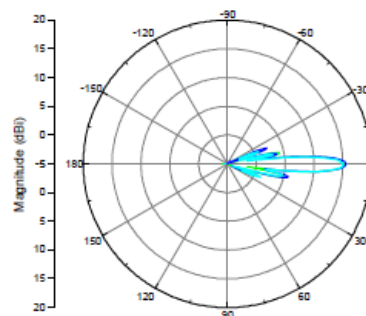
H-plane Co-polarization, Port 1



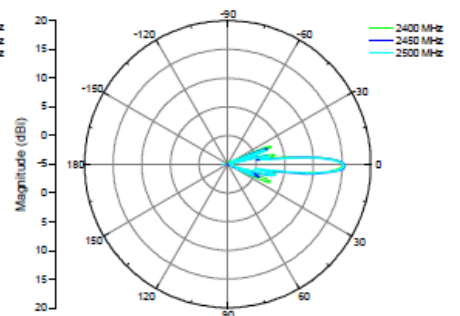
H-plane Co-polarization, Port 2



V-plane Co-polarization, Port 1



V-plane Co-polarization, Port 2



Product Ordering Information

- 2.4 GHz 15 dBi Sector Antenna (Part No.: SD.AN-2S15-00)

Contact Us

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