

## 4. Part Number

Trogona: SR42W009



## 5. General Data

Product name	Trogona
Part Number	SR42W009
Frequency	2.4-2.5 GHz; 5.17-5.84 GHz
Polarization	Linear
Operating temperature	-40°C to 140°C
Impedance with matching	50 Ω
Weight	< 0.5 g
Antenna type	SMD
Dimensions	19.3 x 3.3 x 4.4 (mm)

## 6. RF Characteristics

	Typical performance	Conditions
Peak gain	5.03dBi	<b>2.4 – 2.5 GHz frequency range</b> All data measured on Antenna's evaluation PCB Part No. SR42W009-U1
Average gain	-0.6dBi	
Average efficiency	>70%	
Maximum return loss	-7.0dB	
Maximum VSWR	1.5:1	

	Typical performance	Conditions
Peak gain	5.32dBi	<b>5.175 – 5.835 GHz frequency range</b> All data measured on Antenna's evaluation PCB Part No. SR42W009-U1
Average gain	-2.2dBi	
Average efficiency	>60%	
Maximum return loss	-7.0dB	
Maximum VSWR	2.70:1	