

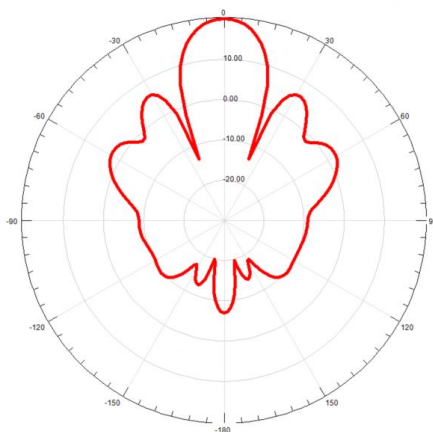
4. 9G21dBi directional antenna manual

Electrical performance

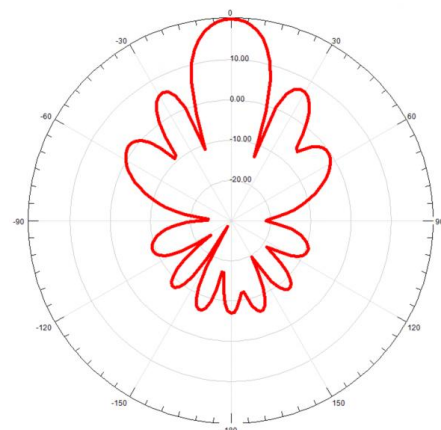
Frequency range (MHz)	4500-5400
Impedance (Ω)	50
VSWR	<1.5
Gain (dBi)	21
Half power beam	15° H-plane 15° E-plane
Front-to-back ratio (dB)	>25
Max. Power (W)	10
Polarization	vertical
Input	SMA MALE/RP SMA
Electrostatic protection	Direct grounding
Ambient temperature ($^{\circ}\text{C}$)	-40~+60

Mechanical behavior

Package dimensions (mm)	
Antenna size (mm)	168*168*15
Gross weight	
net weight (g)	162



Surface radiation pattern



Vertical plane radiation pattern