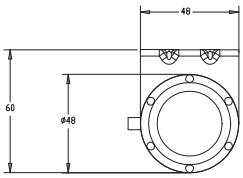
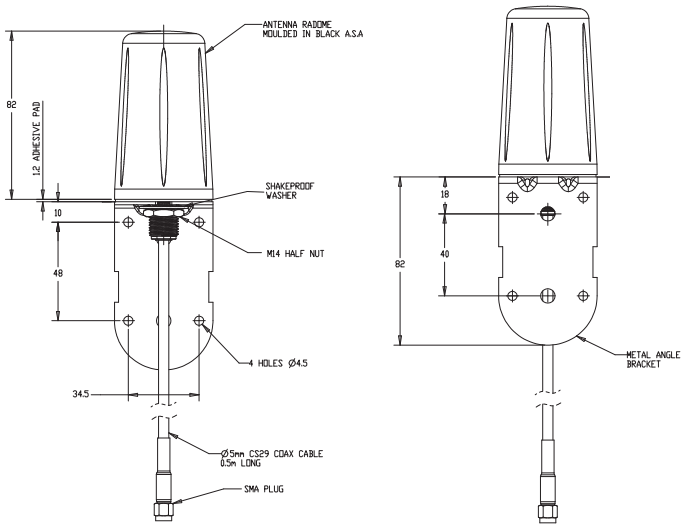
SISO BRACKET MOUNT 5G ANTENNA

COST EFFECTIVE 5G COVERAGE

This antenna is a cost effective omni-directional broad band antenna for 4G/3G/2G and 3.8 GHz 5G devices and it is suitable for external installation. The design of he mounting bracket enables simple wall mounting using the supplied screws and wall plugs or mast mounting using a pipe clip or cable ties (not supplied). The omni directional radiation pattern allows easy placement of the antenna in an elevated position. This antenna is an ideal solution for use in industrial and domestic environments with cellular modems/routers and machine to machine (M2M) wireless connectivity applications

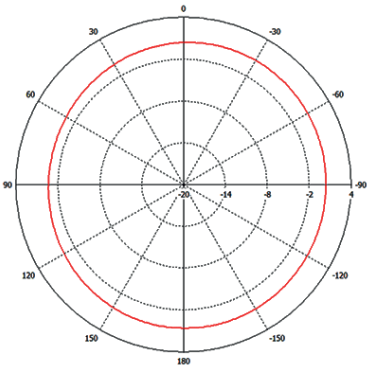
Technical Drawing



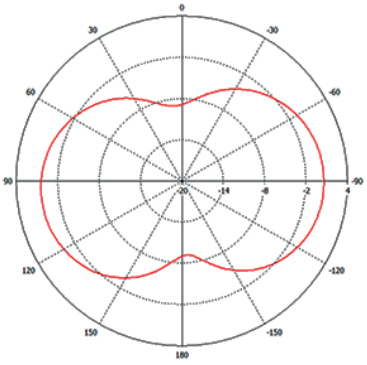


Electrical Data		**2363694-1**	**2363694-2**
Frequency Range (MHz)		698-960 / 1710-3800	
Operational Band		700/800/900/1800/1900/2100/2400/2600/3600	
Peak Realised Gain Isotropic	698-960MHz	2 dBi	
	1710-3800MHz	5 dBi	
VSWR		< 2.5:1	
Polarisation		Vertical	
Pattern		Omni-Directional	
Impedance		50Ω	
Max Input Power (W)		30	
Mechanical Data			
Dimensions (mm)	Height (mm)	164 (6.46”)	
	Diameter	48 (1.89”)	
Operating Temp (°C)		-40 to +85°C (-40 to 185°F)	
Material		ASA, aluminium, zinc plated steel	
Colour		Black	
Ingress Protection		IP66	
Mounting Data			
Fixing		Wall mount or Mast mount	
Mounting screw diameter (mm)		4 (0.16”)	
Weight (g)		188	372
Cable Data			
Type		CS29 (double shielded RG58)	
Diameter (mm)		5 (0.19”)	
Length (m)		0.5 (1.5’)	5 (17”)
Termination		SMA plug	SMA Plug

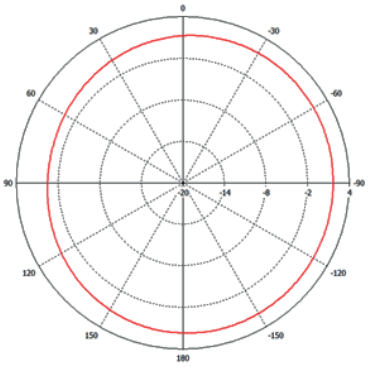
H Plane Plot (700 MHz)



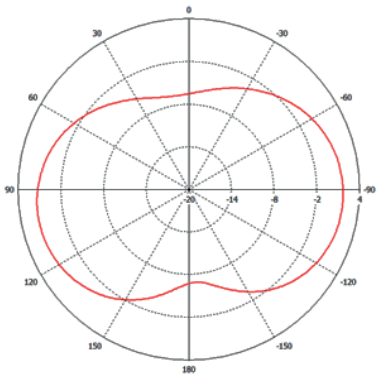
E Plane Plot (700MHz)



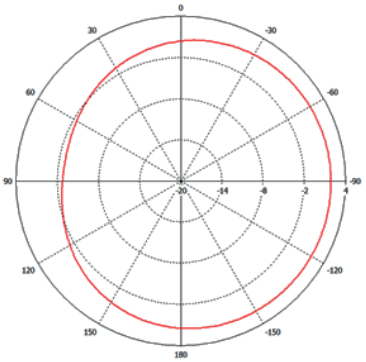
H Plane Plot (800MHz)



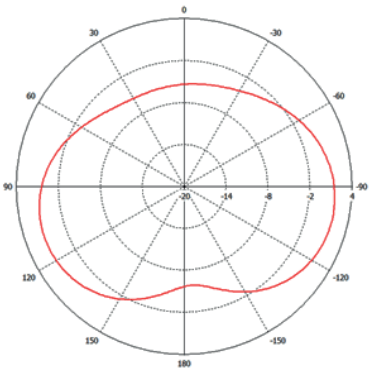
E Plane Plot (800MHz)



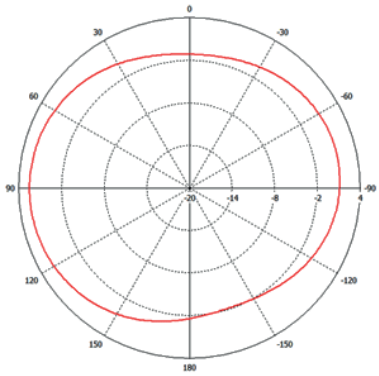
H Plane Plot (900MHz)



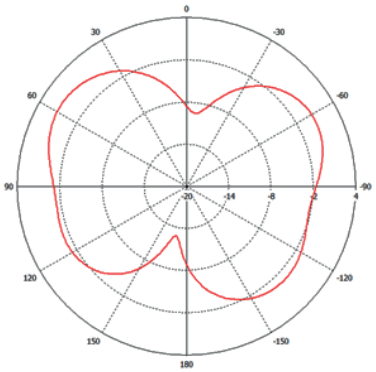
E Plane Plot (900MHz)



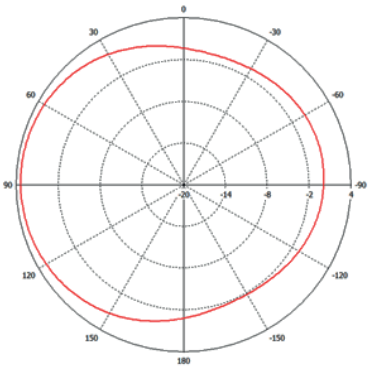
H Plane Plot (1800 MHz)



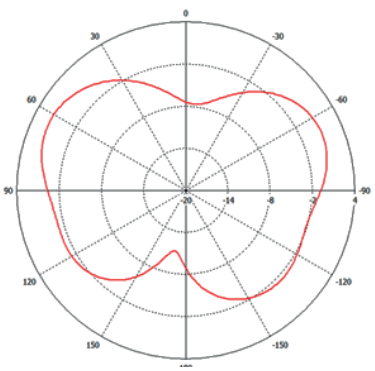
E Plane Plot (1800MHz)



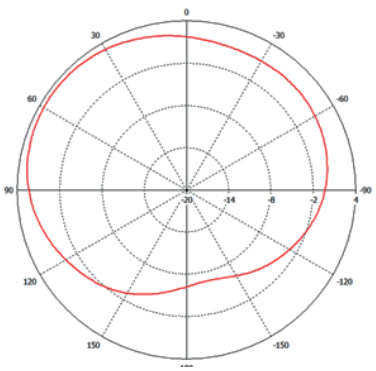
H Plane Plot (2100MHz)



E Plane Plot (2100 MHz)



H Plane Plot (2600MHz)



E Plane Plot (2600MHz)