

MC0114578

LTE MIMO Antenna, IP67

698-960 / 1700-2700 MHz

GSM/ISM/UMTS/WLAN/LTE

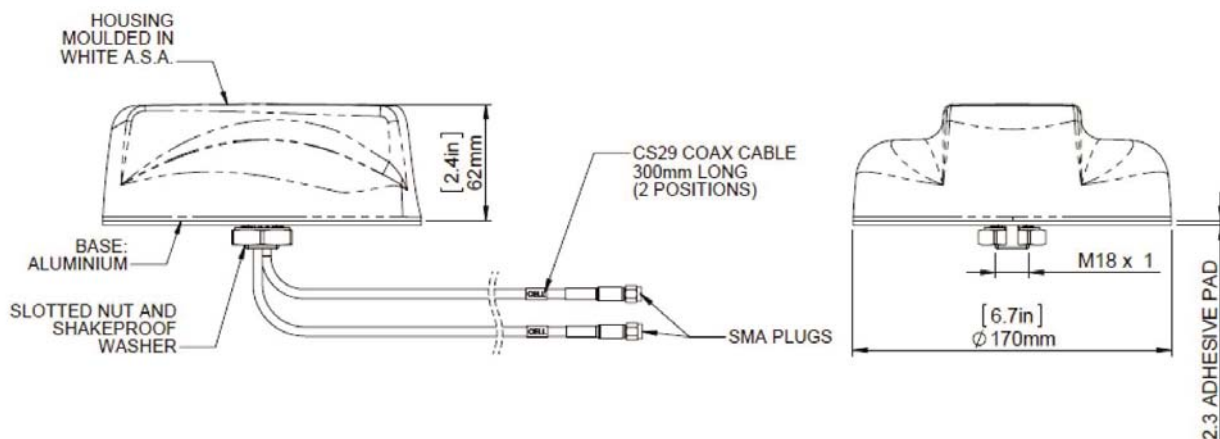


Specifications

Frequency Range (MHz)	Elements 1 & 2	698-960 / 1700-2700
Operational Bands	Elements 1 & 2	LTE / Cellular
Peak Gain: Isotropic	Elements 1 & 2	-698-960 2.3dBi
	Elements 1 & 2	-1700-2700 5dBi
VSWR	Elements 1 & 2	< 2.5:1
Isolation (in free space)	Elements 1 & 2	> 15dB
Polarisation		Vertical
Impedance		50Ω
Max Input Power (W)		50
Dimensions		Height 2.4" (62mm)
		Diameter 6.7" (170mm)
Operating Temp		-22°/ 176°F (-30° / +80°C)
Material		A.S.A & diecast aluminium
Colour		White (optional in black)
Mounting type		Panel mount
Max panel thickness		0.236"(6mm)
Mounting hole		3/4" (19mm)
Cell / LTE Cables x2		Type CS29 (double shielded RG58)
		Diameter 0.2"(5mm)
		Length 1' (0.3m)
		SMA (male)

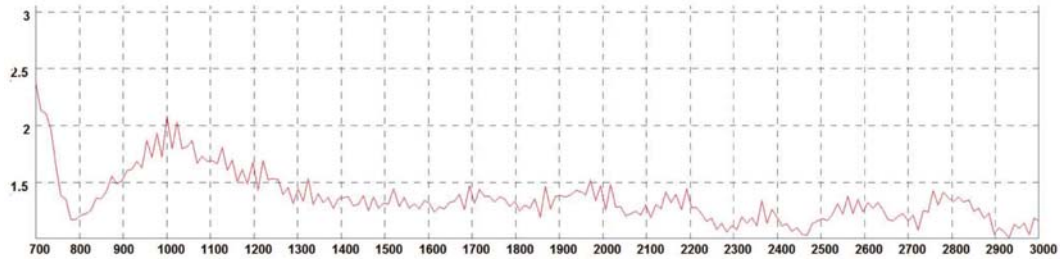


The antenna is optional available with GPS and WLAN or in colour Black.



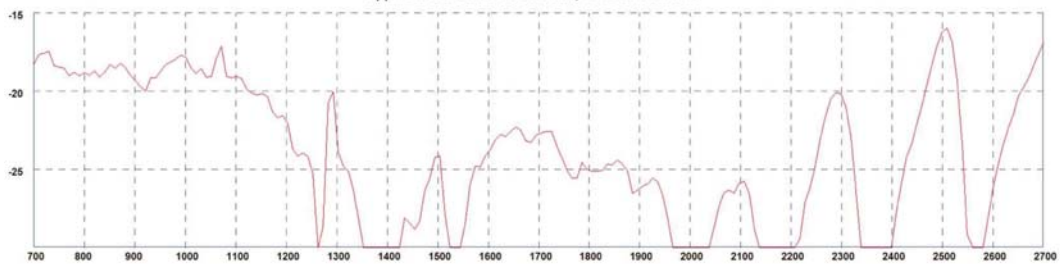
MC0114578 LTE MIMO Antenna, IP67

Typical VSWR cellular / LTE elements*



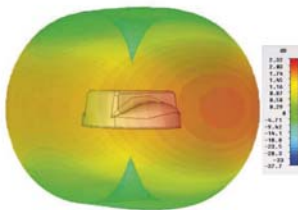
* VSWR measured in free space with 4.5m (15') of CS29 cable.

Typical Isolation cellular / LTE elements*

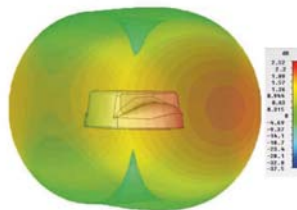


* Isolation measured in free space with 300mm (1') of cable.

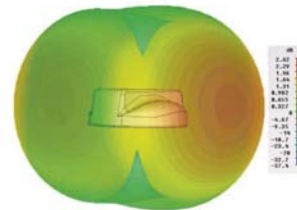
Typical 3D Pattern - Elements 1&2 700MHz



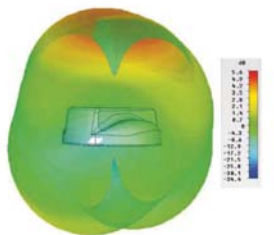
Typical 3D Pattern - Elements 1&2 800MHz



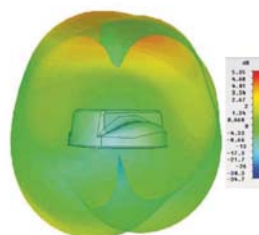
Typical 3D Pattern - Elements 1&2 900MHz



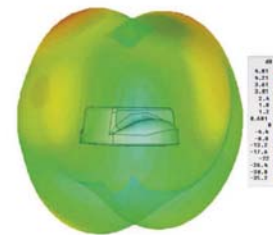
Typical 3D Pattern - Elements 1&2 1800MHz



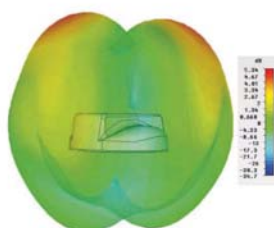
Typical 3D Pattern - Elements 1&2 1900MHz



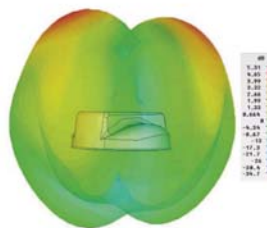
Typical 3D Pattern - Elements 1&2 2100MHz



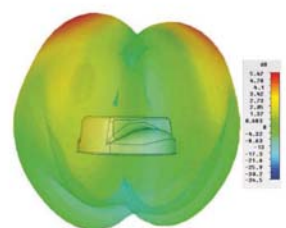
Typical 3D Pattern - Elements 1&2 2400MHz



Typical 3D Pattern - Elements 1&2 2500MHz



Typical 3D Pattern - Elements 1&2 2600MHz



N.B. All pattern and gain measurements taken in free space without additional ground plane.