SISO Super slim Omnidirectional Antennas 698 - 4000 MHz



DESCRIPTION

- The 508600A are super slim, only 18 mm thick and designed to be almost invisible, whilst not compromising on performance.
- Wideband omni antenna covering 698 - 4000 MHz.
- Compact, lightweight and easy to install.
- Passive intermodulation < -153 dBc @ 2 x 20 W.
- Low return loss and stable performance.
- Supplied with mounting clamp.
- Used in the indoor distribution of GSM / CDMA / WiFi / 3G / LTE / 5G services.

ORDERING

Model	Product No.
Antenna with N-Female Connector	5086000A
Antenna with 4.3-10-Female Connector	5086000A-4310
Antenna with 7/16-DIN-Female Connector	5086000A-DIN

SPECIFICATIONS

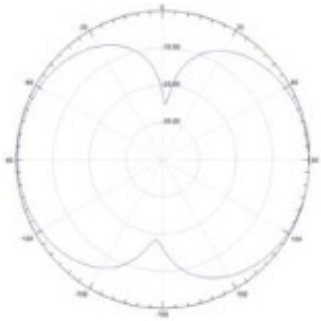
Electrical				
Model	5086000A			
Frequency	698 - 806 MHz	806 - 960 MHz	1710 - 2700 MHz	3400 - 4000 MHz
Max. Input Power	50 W			
Polarisation	Horizontal			
Impedance	50 Ω			
Gain	0dBd / 2.2dBi	1.3dBd / 3.5dBi	2.3dBd / 4.5dBi	3.8dBd / 6dBi
VSWR	< 1.5:1			
Passive Intermodulation	< -153 dBc (2 x 43 dBm)			
In iBwave	Yes			

Mechanical	
Connection(s)	N Female, 4.3 10 Female or 7/16 DIN Female,
Radome Material / Colour	ABS White RAL9003
Dimensions	298mm dia x 152 mm
Weight	0.3 kg / 0.66 lb
Mounting	Ceiling Mount, via hole (standard)

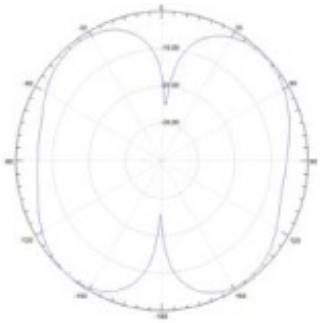
Environmental	
Operating Temperature Range	-55°C to +60°C
Humidity	< 95%
Ingress Protection	IP65

ADDITIONAL DATA

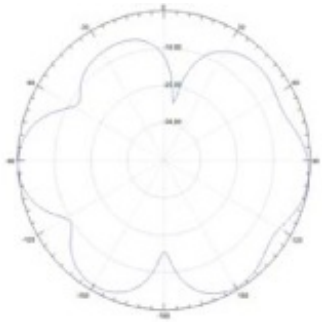
RADIATION PATTERN



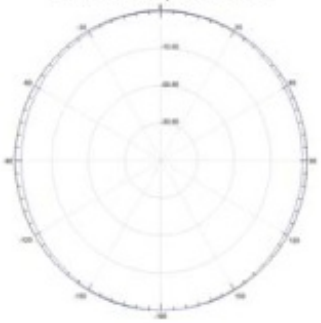
Horizontal | 900 MHz



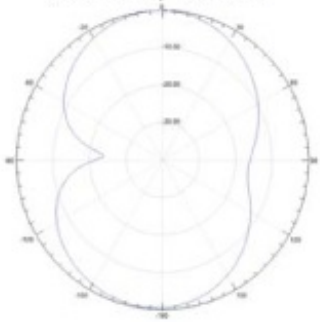
Horizontal | 1710 MHz



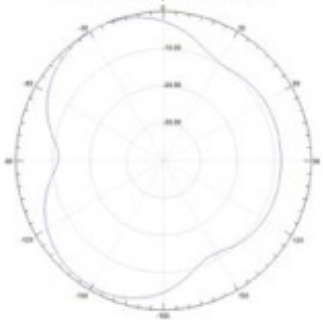
Horizontal | 2500 MHz



Vertical | 900 MHz



Vertical | 1710 MHz



Vertical | 2500 MHz