SISO Omnidirectional Antennas 380 - 2700 MHz



DESCRIPTION

- The 5086100A has been design to cover a wideband public safety and cellular networks.
- Wideband omni antenna covering 380 - 2700 MHz.
- Compact, lightweight and easy to install.
- Passive intermodulation ≤ -140 dBc @ 2 x 20 W.
- Low return loss and stable performance.
- Supplied with mounting clamp.
- Used in the indoor distribution of TETRA / GSM / CDMA / WiFi / 3G / LTE.

ORDERING

Model	Product No.	Description
SISO Omni Antenna	5086100A	380 - 2700 MHz

SPECIFICATIONS

Electrical			
Model	5086100A		
Frequency	380 - 520 MHz	698 - 960 MHz	1710 - 2700 MHz
Max. Input Power	50 W		
Polarisation	Horizontal		
Impedance	50 Ω		
Gain	-0.2dBd / 2dBi	0dBd / 2.2dBi	2.3dBd / 4.5dBi
VSWR	< 2.5:1	< 2.0:1	< 2.0:1
Passive Intermodulation	N/A	-140 dBc	-140 dBc
In iBwave	Yes		

Mechanical	
Connection(s)	1 Port, N-Female
Radome Material / Colour	ABS White RAL9003
Dimensions	266 mm dia x 18 mm (10.5" x 0.7")
Weight	0.4 kg / 0.88 lb

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

PROCOM A/S reserves the right to
amend specifications without prior notice