

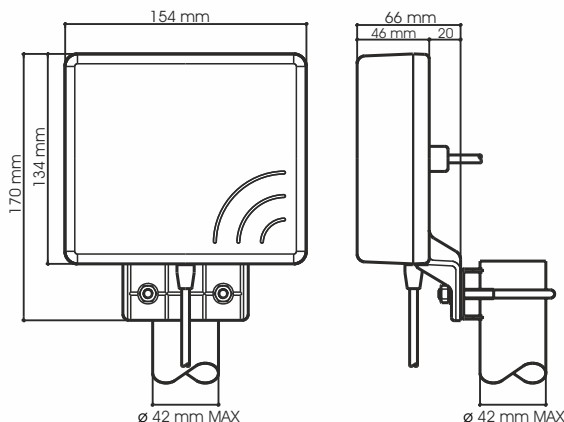
PATENTED

SMP 5G

Sirio Mini Panel

Features:

- # Compact base station antenna, High-gain
- # Indoor-Outdoor, Directional, Multi-band
- # High quality PCB radiator protected by UV stabilized radome
- # For LTE 800, LTE 698 MHz, GSM 900&1800, DCS, UMTS, LTE & W-LAN 2.4, 3.3-3.8 GHz



Electrical Data	SMP 5G
Type	Mini Panel Antenna Wideband
Frequency Range @ SWR≤2	698-960 MHz & 1.71-2.7 GHz & 3.3 - 3.8 GHz
Impedance	50 Ω
Radiation Beamwidth @ -3 dB	see Typical Radiation Pattern
Front to back ratio	≥ 4 dB @ 698-960 MHz; ≥ 12 dB @ 1.71-3.8 GHz
Polarization	Linear Vertical
Gain	4 ÷ 6 dBi @ 698-960 MHz; 9 ÷ 10 dBi @ 1.71-2.17 GHz 11 ÷ 12 dBi @ 2.3-3.8 GHz-
Max Power (CW) @ 30° C	35 Watts @ 697-960 MHz; 35 Watts @ 1.71-2.17 GHz 25 Watts @ 2.3-2.7 GHz; 20 Watts @ 3.3-3.8 GHz
Cable Type / Length / Connector	White Low Loss / 30cm, 1ft or on request / SMA-male, other on request

Mechanical Data	
Housing & Radome Material	RAL 7035 Light Grey thermoplastic UV stabilized,
Bracket & Hardware Material	galvanized steel
Wind Load / Resistance	40 N @ 150 Km/h / 180 Km/h, 112 mi/h
Wind Surface	0.02 m ² , 0.21 ft ²
Dimension (approx.)	154 x 134 x 46 mm, 6 x 5.3 x 1.8 in without bracket
Weight (approx.)	420 gr, 0.93 lb
Operating Temperature	-40 °C to +80 °C
Ingress Protection	IP 44
Installation type	Mast: Ø25-42 mm with U-bolt (included) Wall: mounting screws (not included)
P/N	2112203.00

