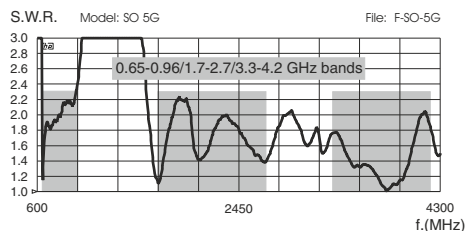
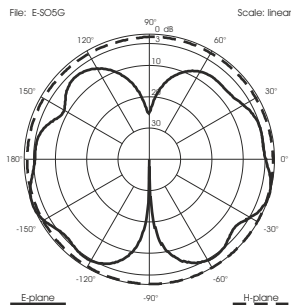


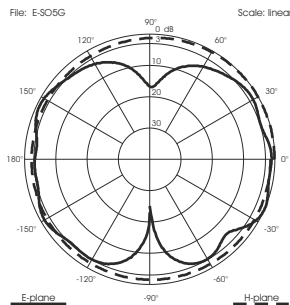
TYPICAL S.W.R. RESPONSE (antenna only, no cable)



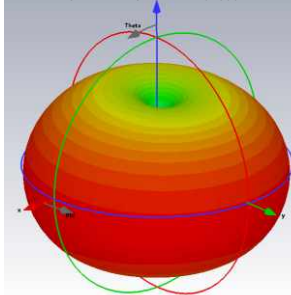
TYPICAL RADIATION PATTERN at 800 MHz



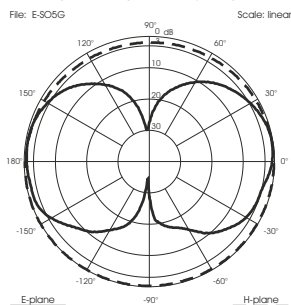
TYPICAL RADIATION PATTERN at 960 MHz



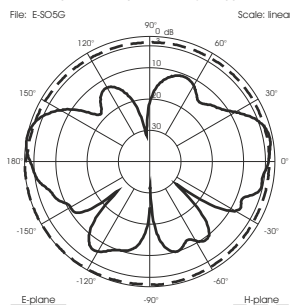
TYPICAL RADIATION PATTERN at 800 MHz



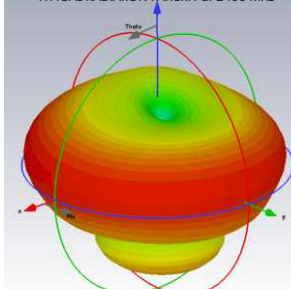
TYPICAL RADIATION PATTERN at 1795 MHz



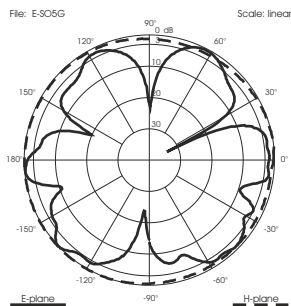
TYPICAL RADIATION PATTERN at 2400 MHz



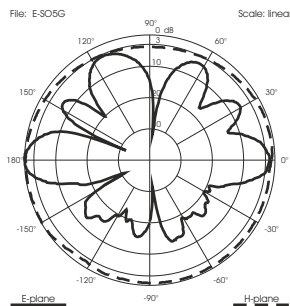
TYPICAL RADIATION PATTERN at 2400 MHz



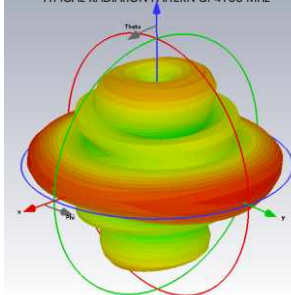
TYPICAL RADIATION PATTERN at 3300 MHz



TYPICAL RADIATION PATTERN at 4200 MHz



TYPICAL RADIATION PATTERN at 4100 MHz



SO-5G w/5m cable SO-5G MiMo w/2x5m cable

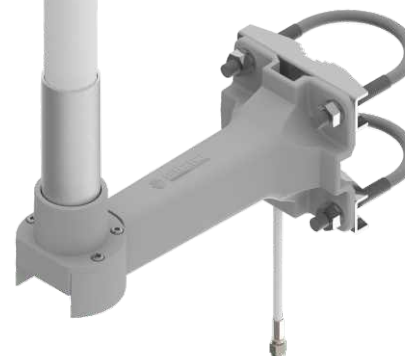
Sirio Omnidirectional Multi-Band

(650-960 MHz & 1.71-2.7 GHz & 3.3-4.2 GHz)

MAIN FEATURES

- Omnidirectional Wide Band Dipole antenna (from 650 to 4200 MHz).
- Working on 5G spectrum (2G-GSM, 3G-UMTS, 4G-LTE, 5G, WiFi, W-Lan etc).
- MiMo 2x system
- New FT-7 plastic bracket for installation on the horizontal or vertical mast.
- Completely sealed and waterproof IP67
- Fully designed & Manufactured in Italy
- Fully assembled supply
- Product is PATENTED

SO-5G
w/5m cable



SO-5G MiMo
w/2x 5m cable



HI-QUALITY ANTENNAS MADE IN ITALY

SPECIFICATIONS

Electrical Data	SO-5G w/5m cable	SO-5G MiMo w/2x 5m cable
Type	Wide Band Dipole	2x Wide Band Dipole
Frequency Range	650 ÷ 960 MHz, 1.7 ÷ 2.7 GHz, 3.3 ÷ 4.2 GHz (5G, 4G-LTE, W-lan etc.)	
Impedance	50 Ω	
Radiation (H-plane)	360° omnidirectional	
Radiation (E-plane) Beamwidth @ -3 dB:	see diagrams	
Radiation angle deg.	0°	
Polarization	Linear Vertical	
Gain	650 ÷ 960 MHz = 2.1 dBi 1.7 ÷ 4.2 GHz = 4 ÷ 6 dBi	both 650 ÷ 960 MHz = 2.1 dBi 1.7 ÷ 4.2 GHz = 4 ÷ 6 dBi
Correlation Coefficient	/	< 0.003
Isolation	/	> 19 dB @ 650 ÷ 960 MHz > 25 dB @ 1.7 ÷ 4.2 GHz
Max Power (CW) @ 30° C	10 Watts @ 650 ÷ 960 MHz 5 Watts @ 1.7 ÷ 4.2 GHz	both 10 Watts @ 650 ÷ 960 MHz 5 Watts @ 1.7 ÷ 4.2 GHz
Cable Length	5m; 16.4 ft other on request	2x 5m; 16.4 ft other on request
Cable Type / Connector	White Low loss / SMA-male, on request	White Low loss / 2x SMA-male, on request

Mechanical Data

Housing & Radome Material	Fiberglass, PCB, Anodized aluminium, Nickel plated brass	
Bracket & Hardware Material	Stainless steel, Molded Plastic	
Wind Load @ 150 Km/h, 93 mi/h	27 N	37 N
Wind Resistance	200 Km/h, 124 mi/h	200 Km/h, 124 mi/h
Wind Surface	0.018 m ² ; 0.19 ft ²	0.027 m ² ; 0.29 ft ²
Dimensions (approx.)	LxWxH: 90x200x370 mm; 3.5x7.9x14.5 in	LxWxH: 90x200x610 mm; 3.5x7.9x24 in
Weight (whit bracket, approx.)	970 gr, 2.1 lb	1320 gr, 2.9 lb
Operating Temperature	-40 °C to +80 °C	
Ingress Protection	IP 67	
Installation type	Horizontal or Vertical mast: $\varnothing$ 35 ÷ 60mm, $\varnothing$ 1.4 ÷ 2.4 inch with U-bolt Wall: with screws (not included)	

Mounting needed tools:

13 mm open key

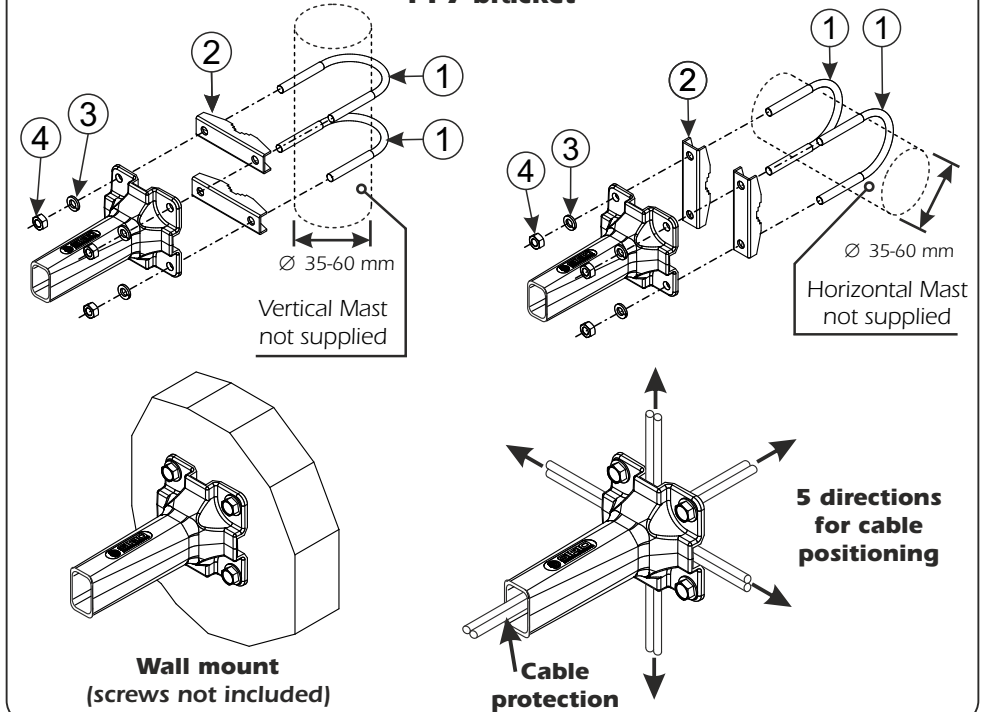
Fixing Accesories Parts List

Re-order code: WKI00044

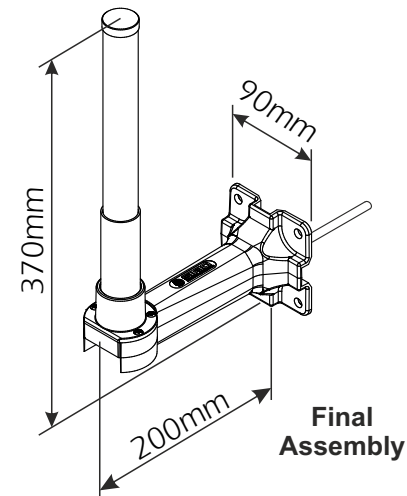
Pos	Q.ty	Description
1	2	M8x97 mm U-bolts
2	2	Stainless steel bracket
3	4	M8 spring lock washers
4	4	M8 hexagonal nuts

MOUNTING INSTRUCTIONS

FT-7 bracket



SO 5G w/5m cable



SO 5G MiMo w/2x 5m cable

