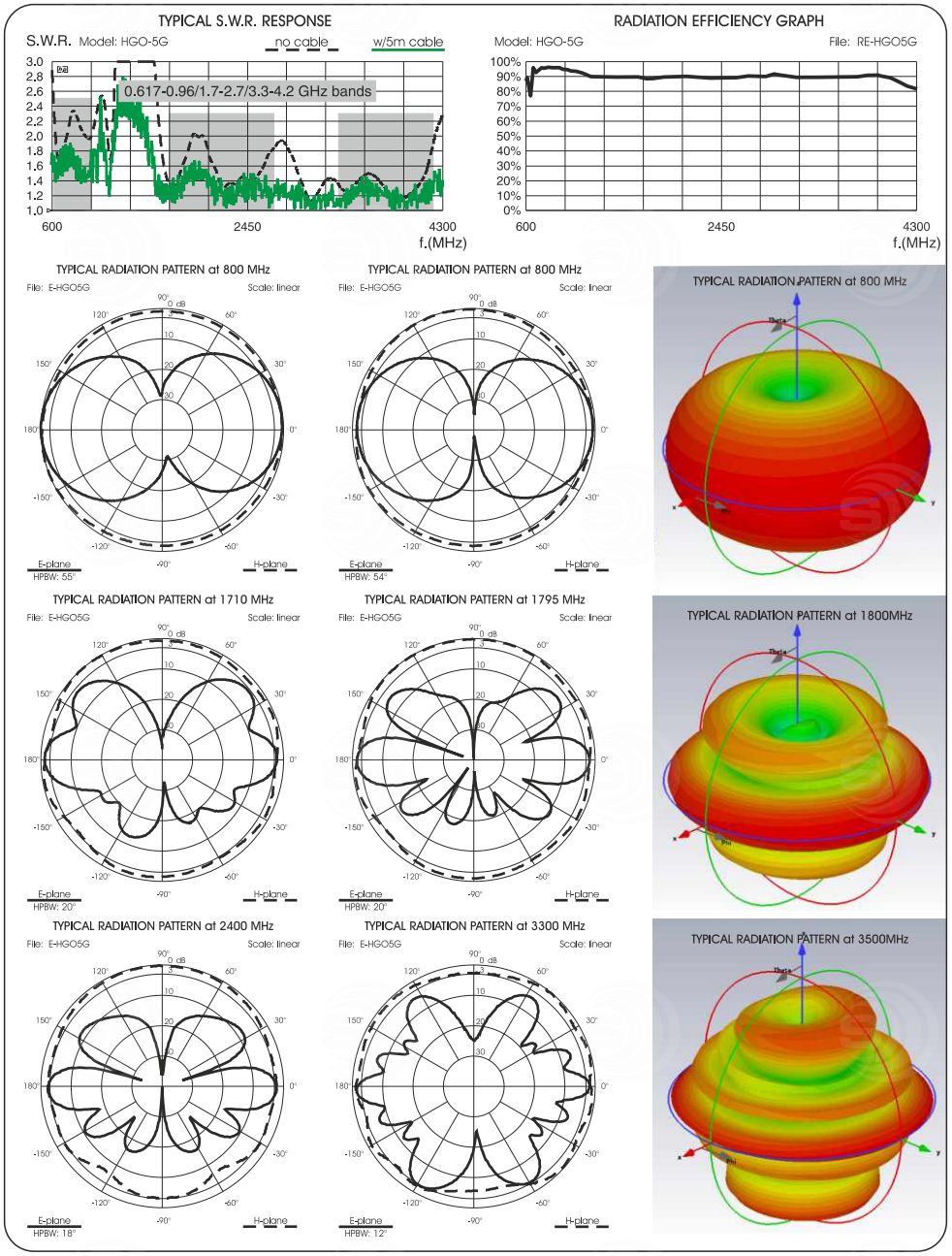


SIRIO antenne

HI-QUALITY ANTENNAS MADE IN ITALY

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HGO-5G 3-8 dBi w/cable

Hi-gain Compact Multi-Band Omnidirectional

(617-960 MHz & 1.71-4.2 GHz)

MAIN FEATURES

- Omnidirectional Wide Band Dipole Array (from 617 to 4200 MHz)
- Working on 5G spectrum (2G-GSM, 3G-UMTS, 4G-LTE, 5G, WiFi, W-Lan etc).
- Compact dimensions
- High Gain Wide Band antenna
- New FT-7 plastic bracket for installation on the horizontal or vertical mast.
- Completety sealed and waterproof IP67
- Designed & Manufactured in Italy
- Fully assembled supply
- Product is PATENTED



PATENTED TECHNOLOGY

Installation Manual

SPECIFICATIONS

Electrical Data	HGO 5G
Type	Wide Band Dipole Array
Frequency Range	617÷960 MHz, 1.7÷4.2 GHz (5G, 4G-LTE, 3G-UMTS, 2G-GSM, WiFi, W-lan etc.)
Impedance	50 Ω
Radiation (H-plane)	360° omnidirectional
Radiation (E-plane) Beamwidth @ -3 dB:	see diagrams
Radiation angle deg.	see diagrams
Polarization	Linear Vertical
Antenna Gain	617÷960 MHz = 3 dBi; 1.7÷4.2 GHz = 5÷8 dBi
Max Power (CW) @ 30° C	10 Watts @ 617÷960 MHz 5 Watts @ 1.7÷4.2 GHz
Cable Lenght / Cable Type	0.5m; 1.6 ft or 5m; 16.4 ft or on request / White Low loss
Connector	SMA-male, other on request

Mechanical Data	
Housing & Radome Material	PCB, Nickel plated brass. Thermoplastic cover
Bracket & Hardware Material	FT-7 Molded Plastic, Stainless steel
Wind Load @ 150 Km/h,93 mi/h	36 N
Wind Resistance	200 Km/h, 124 mi/h
Wind Surface	0.021 m^2; 0.26 ft^2
Dimensions (approx.)	L x W x H: 90 x 200 x 400 mm; 3.5 x 7.9 x 15.7 in
Weight (whit bracket, approx.)	520 gr, 1.15 lb
Operating Temperature	-40 °C to +80 °C
Ingress Protection	IP 67
Installation type	Horizontal or Vertical mast: ∅ 35÷60mm, ∅ 1.4÷2.4 inch with U-bolt Wall: with screws (not included)

Mounting needed tools:
13 mm open key

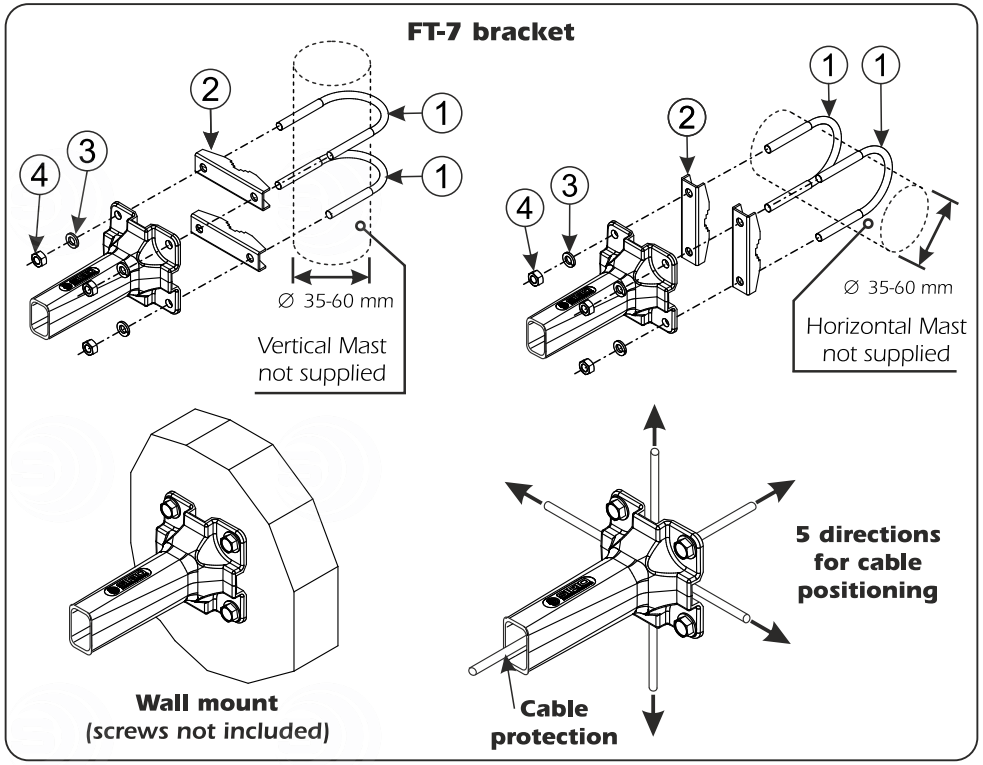
Fixing Accesories Parts List Re-order code: WKI00044		
Pos	*Q.ty*	*Description*
1	2	M8x97 mm U-bolts
2	2	Stainless steel bracket
3	4	M8 spring lock washers
4	4	M8 hexagonal nuts

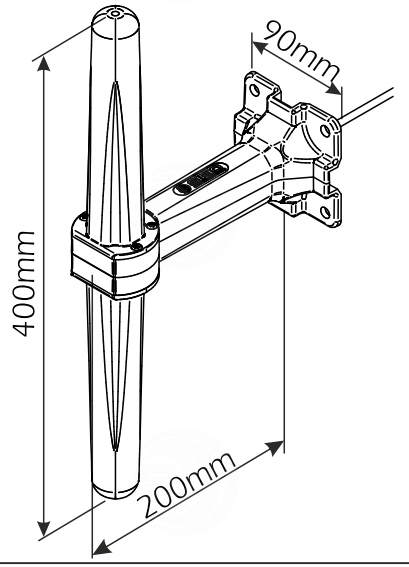
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ID509

MOUNTING INSTRUCTIONS





Warning: The product is factory-sealed to ensure IP67 protection.

DO NOT OPEN.
Opening the product may compromise its IP67 protection.

The product is supplied fully assembled