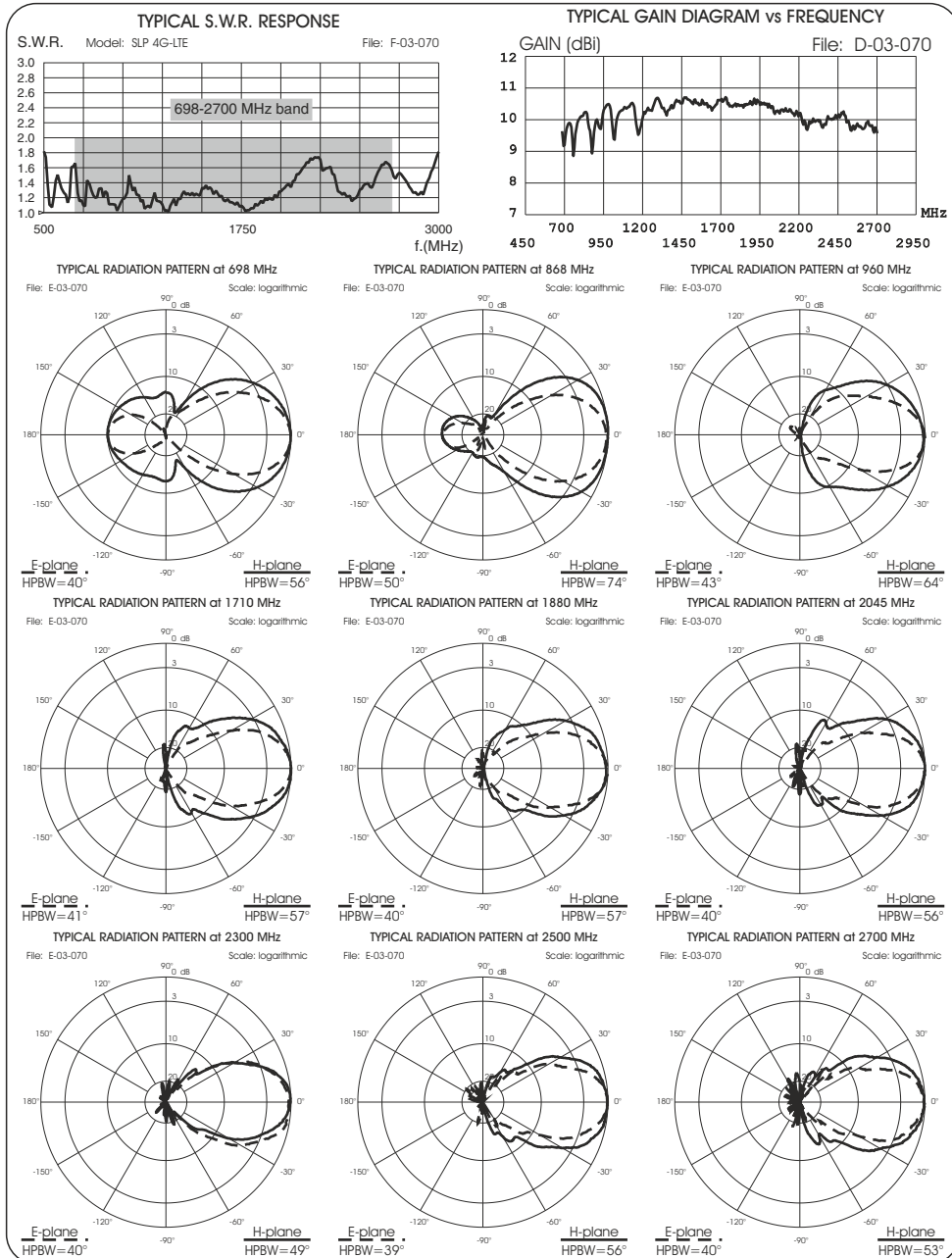




HI-QUALITY ANTENNAS MADE IN ITALY

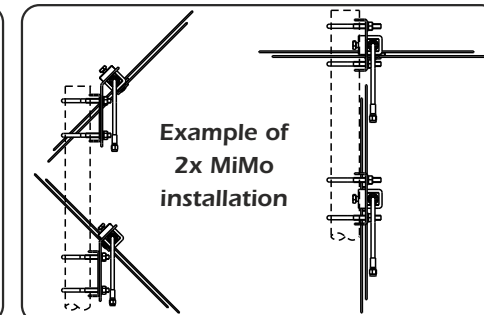
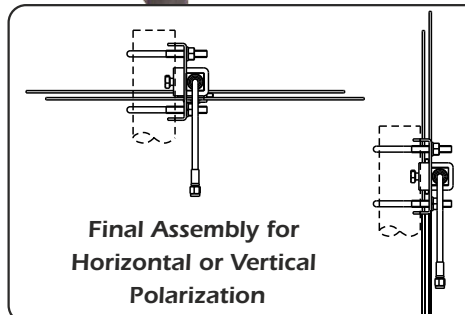
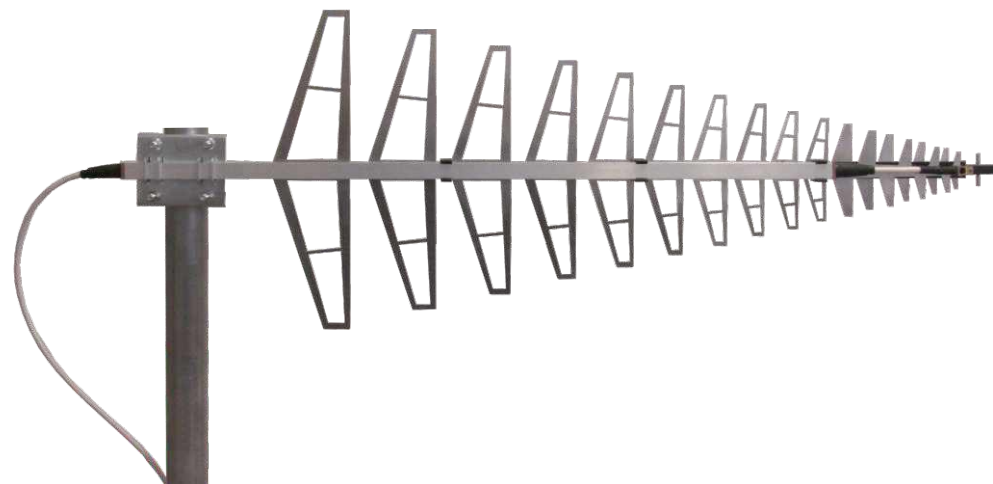
SLP 4G LTE

Sirio Log Periodic antenna 698-2700 MHz

MAIN FEATURES

- Directional Wide Band Log Periodic antenna (from 698 to 2700 MHz).
- 4G LTE multi systems (2G-GSM, 3G-UMTS, 4G-LTE, ISM/Lora, WiFi, W-Lan etc).
- Compact dimension, high linear Gain, good SWR response.
- Made of Aluminium and High quality materials.
- Easy and quick installation on the mast.
- Vertical or Horizontal polarization.
- Optional brackets $\pm 45^\circ$ polarization installation. Suitable for MiMo configuration
- Fully designed & Manufactured in Italy

PATENTED design - Patent APPROVALS: 009407573-001/002/003/004



Installation Manual

SPECIFICATIONS

Electrical Data

Type	Log Periodic Directional Antenna
Frequency Range @ SWR ≤ 2	698 - 2700 MHz
Impedance	50 Ω
Radiation Beamwidth @ -3 dB	see diagram
Radiation angle	0°
Front to back ratio	698 - 880 MHz: ≥ 10 dB 880 - 2700 MHz: ≥ 20 dB
Polarization	Linear, Vertical or Horizontal
Gain	9 ÷ 11 dBi
Max Power (CW) @ 30° C	10 Watts
Grounding Protection	All metal parts are DC-grounded, the inner conductor shows a DC-short
Cable	50 cm LOW-LOSS (other length on request)
Connector	SMA-male (other on request)

Mechanical Data

Materials	Aluminium, thermoplastic, Galvanized Steel
Wind Load	92 N @ 130 Km/h - 81 mi/h
Wind Resistance	130 Km/h; 81 mi/h
Wind Surface	0.07 m² ; 0.75 ft²
Antenna dimensions	850 x 290 x 30 mm; 2.8 x 0.95 x 0.1 ft (approx.)
Packaging dimensions	890 x 305 x 50 mm; 2.9 x 1 x 0.16 ft (approx.)
Turning radius	820 mm; 2.7 ft (approx.)
Antenna weight	770 gr; 1.7 lb (approx.)
Weight with packaging	1.3-1.5 Kg; 2.8-3.3 lb (approx.)
Operating Temperature	-40 °C to +70 °C
Ingress protection IP	IP 67
Installation type	Mast: Ø 25-42 mm; Ø 1-1,6 in with U-bolt

Supplied LOW LOSS cable: Attenuation dB/100 m

Freq. Cable	100 MHz	200 MHz	300 MHz	400 MHz	500 MHz	800 MHz	1 GHz	1.6 GHz	1.8 GHz	2.0 GHz	2.2 GHz	2.4 GHz	2.5 GHz	3.0 GHz
LOW LOSS	10	14	17	20	23	29	33	42	45	48	50	53	54	60

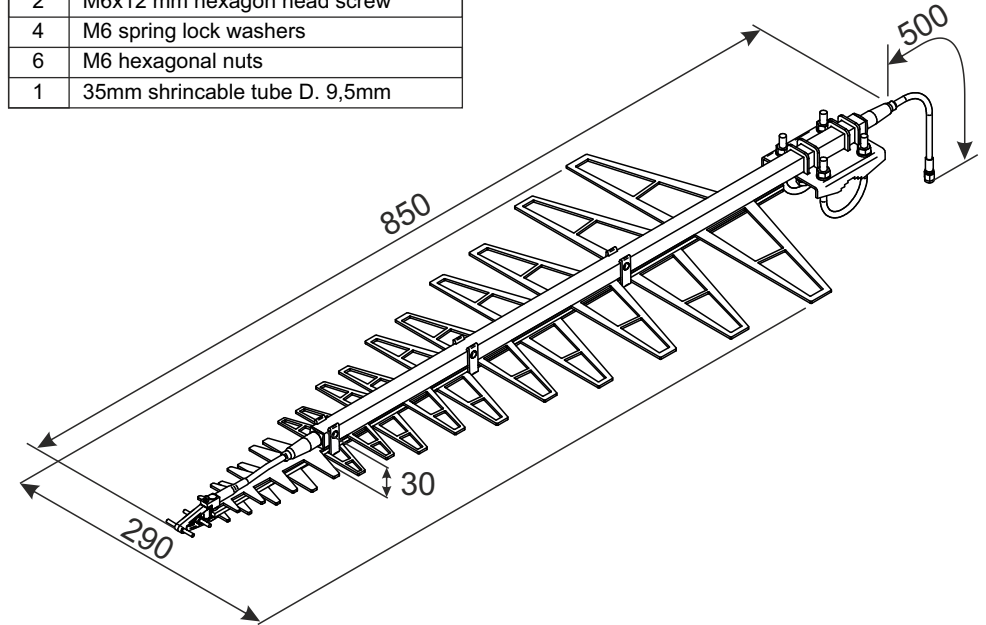
Standard Fixing Bracket Parts List

Re-order code: SA160

Q.ty	Description
1	80x66x16 mm galvanized steel bracket
2	30x24x14 mm galvanized steel bracket
2	M6x79 mm U-bolts
2	M6x12 mm hexagon head screw
4	M6 spring lock washers
6	M6 hexagonal nuts
1	35mm shrinkable tube D. 9,5mm

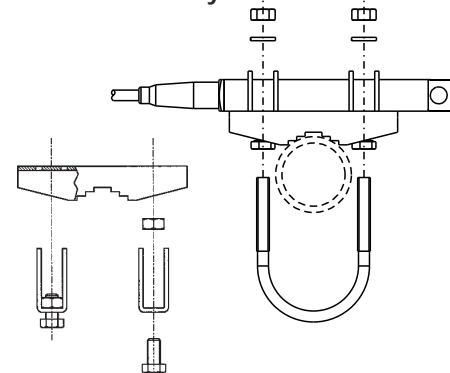
Mounting needed tools:

10 mm open key



MOUNTING INSTRUCTIONS

Bracket Assembly



"M4" OPTIONAL bracket for +45° or -45° Polarization (P/N 2503704.00)

