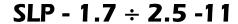
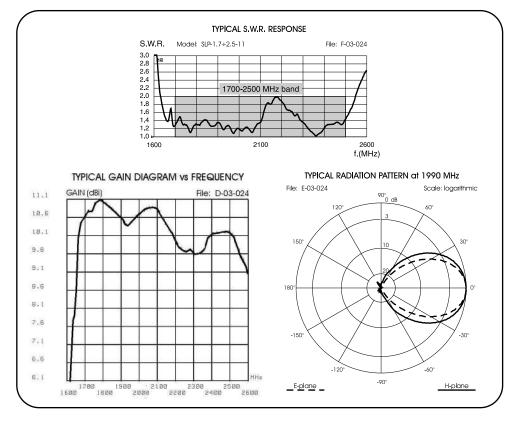
Fixing Bracket Parts List	
Re-order code: SA169	
Q.ty	Description
1	38x129x47 mm aluminium bracket
2	M6x10 hexagonal head screws
2	M6 serrated lock washers
2	M6 hexagonal nuts
U-bolts Mounting Parts List	
	Re-order code: SA008
Q.ty	Description
2	M6x69 mm U-bolts
4	M6 washers
4	M6 spring lock washers
4	M6 hexagonal nuts

Mounting needed tools:

n. 2 10 mm open key



Multi-Band Base Station Antenna (GSM, DCS, DECT, UMTS, WLAN)







HI-QUALITY ANTENNAS MADE IN ITALY

Installation Manual

DESCRIPTION

Multi-band base station antenna working on 1.7-2.5 GHz conceived for GSM 1.8 GHz, DCS 1.9GHz, DECT, UMTS and WLAN systems. The radiant element is made of brass to guarantee high power, low losses and a very good protection against corrosion. The aerial is protected by a UV-stabilized radome to get the best performance for long periods of time. It's supplied with an adjustable aluminium bracket that, thanks to its available options, allows to get best installation flexibility.

SPECIFICATIONS

Electrical Data

Type : Log Periodic Dipole Array

Frequency Range @ SWR ≤ 2 : 1700-2500 MHz

Impedance : 50Ω

Polarization : Linear Vertical Max Gain : 9 dBd, 11.1 dBi

3 dB Beamwidth Vertical : E-plane 46° Frequency Indipendent 3 dB Beamwidth Horizontal : H-plane 58° Frequency Indipendent

Front to back ratio $: \ge 24 \text{ dB}$ Radiation angle deq. $: 0^{\circ}$

Max Power : 50 Watts (CW) @ 30° C

Grounding Protection : All metal parts are DC-grounded, the inner conductor

shows a DC-short

Connector type : SMA-female

Mechanical Data

Housing Materials : Aluminium, Brass, Stainless Steel

Radome Material : White ABS UV Stabilized
Wind Load / Resistance : 61N @ 150 Km/h / 180 Km/h

Wind Surface : 0.04 m²

Dimensions (approx.) : 345 x 135 x 73 mm

Turning radius (approx.) : 310 mm Weight (approx.) : 400 gr

Operating Temperature : -40° C to 80° C

Mounting Mast : Mast Ø 25-42 mm whit U-bolt Clamp Ø 25-70 mm (optional)

Wall mounting screws (not included)



HI-QUALITY ANTENNAS MADE IN ITALY

MOUNTING INSTRUCTIONS

