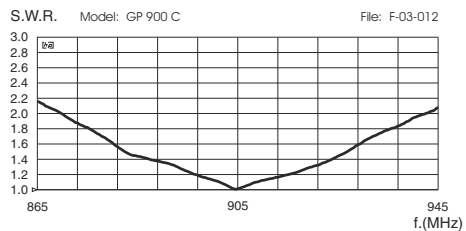


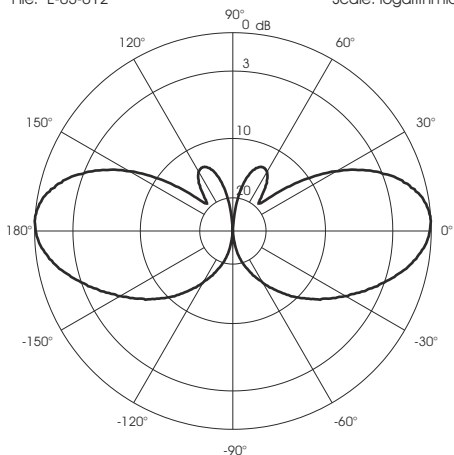
GP 900 C

TYPICAL S.W.R. RESPONSE



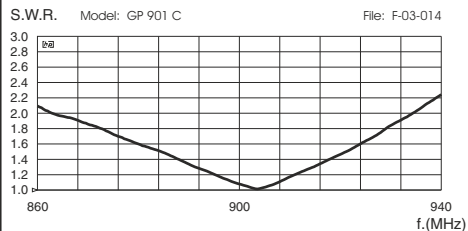
TYPICAL RADIATION PATTERN in E-plane at mid-band

File: E-03-012 Scale: logarithmic



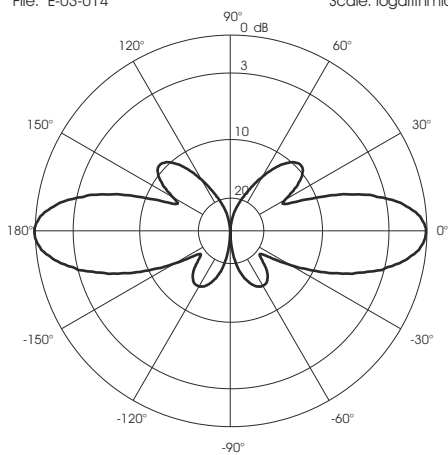
GP 901 C

TYPICAL S.W.R. RESPONSE



TYPICAL RADIATION PATTERN in E-plane at mid-band

File: E-03-014 Scale: logarithmic



GP 900 C

GP 901 C

UHF Base Station Antenna 870 - 960 MHz



GP 900 C



GP 901 C



HI-QUALITY ANTENNAS MADE IN ITALY

SPECIFICATIONS

Electrical Data	GP 900 C	GP 901 C
Type	1/4 λ + 1/2 λ Colinear	1/4 λ + 2 x 1/2 λ Colinear
Design Frequency	870 - 960 MHz (GSM 900)	
Impedance	50 Ω	
Radiation (H-plane)	360° omnidirectional	
Radiation (E-plane)	Beamwidth @ -3 dB: 40° @ 920 MHz	Beamwidth @ -3 dB: 25° @ 920 MHz
Radiation angle deg.	7°	6°
Polarization	Linear Vertical	
Gain	3 dBd, 5.1 dBi	6 dBd, 8.14 dBi
Max Power (CW) @ 30°C	50 Watts	
Connector	N-female, gold plated central pin	

Mechanical Data

Housing & Radome Material	Aluminium Chromed Brass, Stainless Steel 17/7 PH	
Bracket & Hardware Material	Aluminium, Stainless steel	
Wind Load / Resistance	13 N @ 150 Km/h / 180 Km/h, 112 mi/h	23 N @ 150 Km/h / 150 Km/h, 93 mi/h
Wind Surface	0.01 m², 0.11 ft²	0.02 m², 0.22 ft²
Height (approx.)	555 mm, 1.8 ft	800 mm, 2.6 ft
Weight (approx.)	650 gr, 1.4 lb	
Radial Length (approx.)	75 mm, 3 in	
Operating Temperature	-40 °C to +80 °C	
Installation type	Mast: $\varnothing$ 35-60 mm, $\varnothing$ 1.4-2.4 in with V-bolt	

FT-5 Fixing bracket:

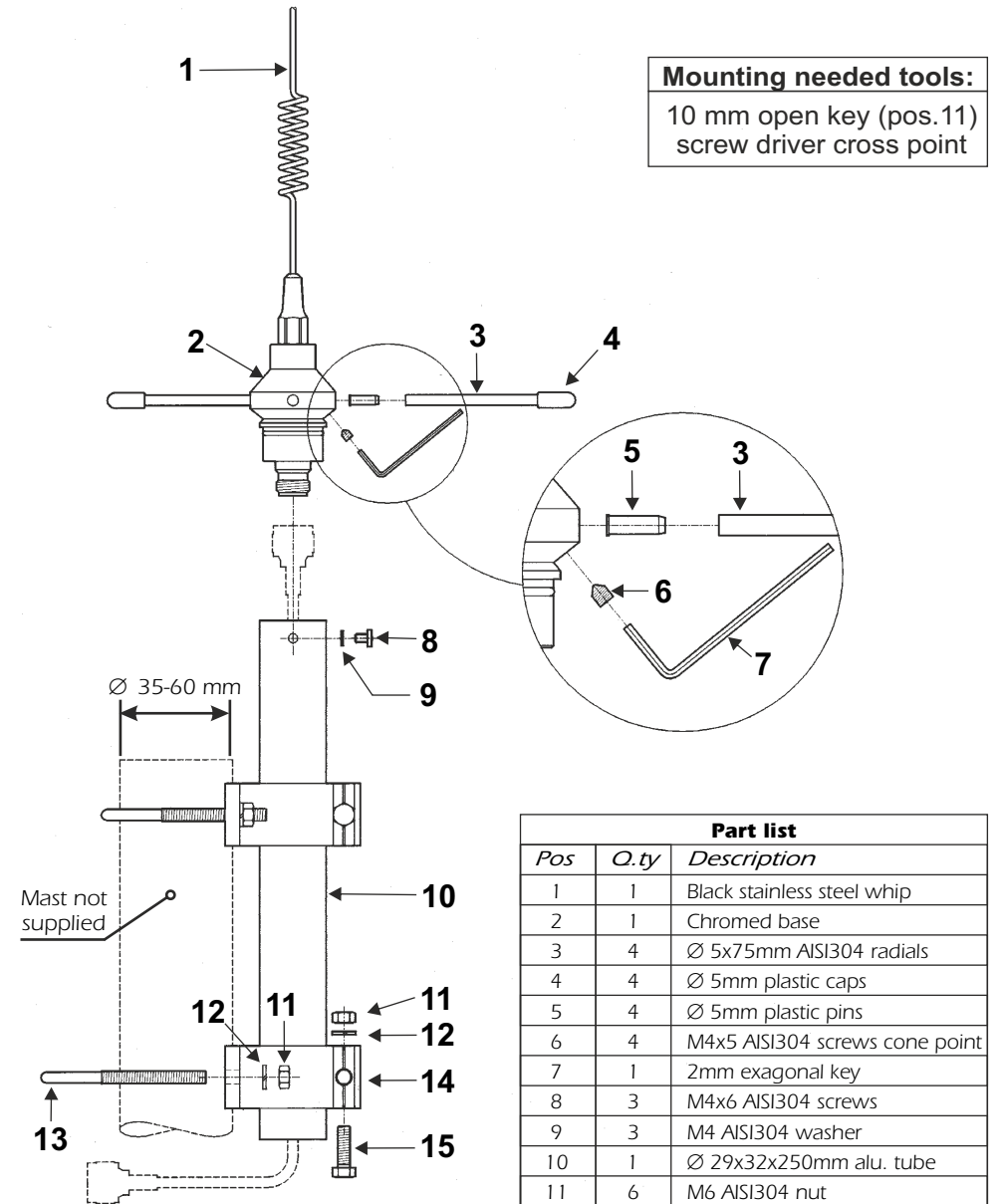


Materials:	extruded aluminum
Hardware:	stainless steel
Dimensions :	85 x 65 x 25 mm
Weight:	220 g
Re-order code: 2519613.00	

MOUNTING INSTRUCTIONS

Mounting needed tools:

10 mm open key (pos.11)
screw driver cross point



Part list		
Pos	Q.ty	Description
1	1	Black stainless steel whip
2	1	Chromed base
3	4	$\varnothing$ 5x75mm AISI304 radials
4	4	$\varnothing$ 5mm plastic caps
5	4	$\varnothing$ 5mm plastic pins
6	4	M4x5 AISI304 screws cone point
7	1	2mm exagonal key
8	3	M4x6 AISI304 screws
9	3	M4 AISI304 washer
10	1	$\varnothing$ 29x32x250mm alu. tube
11	6	M6 AISI304 nut
12	6	M6 AISI304 washer
13	2	M6x206 AISI304 V-bolt
14	2	Extruded aluminium bracket
15	2	M6x20 AISI304 Hex. head screw