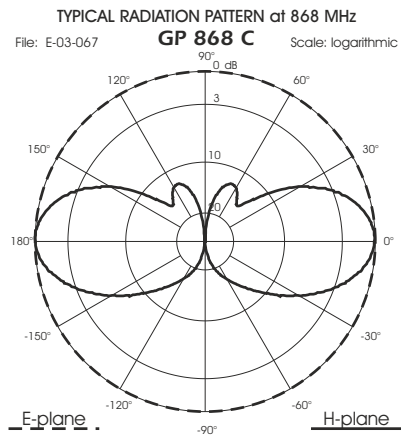
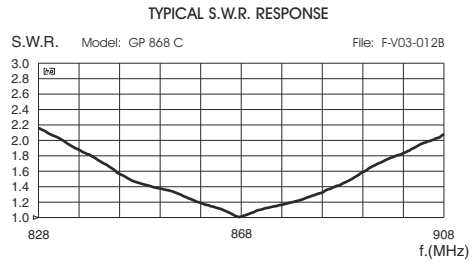


GP 868 C

UHF Base Station Antenna 868 MHz ISM service



SPECIFICATIONS

Electrical Data	
Type	1/4 λ + 1/2 λ Colinear
Design Frequency	835 - 900 MHz @ SWR ≤ 2
Impedance	50 Ω
Radiation (H-plane)	360° omnidirectional
Radiation (E-plane)	Beamwidth @ -3 dB: 40° @ 920 MHz
Radiation angle deg.	7°
Polarization	Linear Vertical
Gain	3 dBd, 5.1 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
Wind Surface	0.015 m ² , 0.16 ft ²
Height (approx.)	600 mm, 2 ft
Weight (approx.)	650 gr, 1.4 lb
Radial Length (approx.)	90 mm, 3.5 in
Operating Temperature	-40 °C to +80 °C
Installation type	Mast: Ø 35-60 mm, Ø 1.4-2.4 in with V-bolt

FT-5 Fixing bracket:



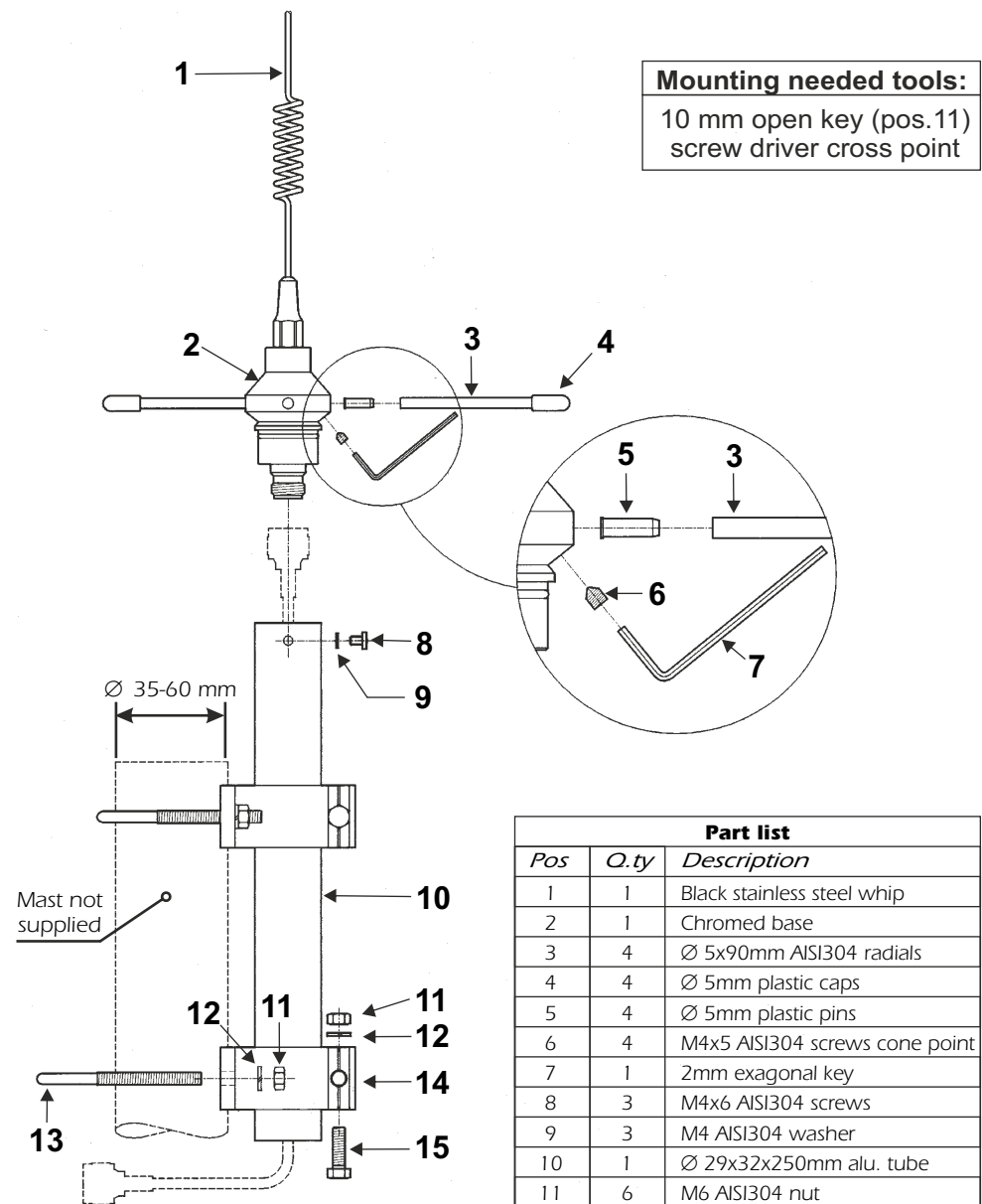
Materials:	extruded aluminum
Hardware:	stainless steel
Dimensions :	85 x 65 x 25 mm
Weight:	220 g

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	Ø 5x90mm AISI304 radials
4	4	Ø 5mm plastic caps
5	4	Ø 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	Ø 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