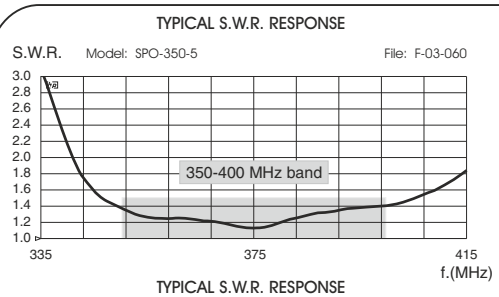
SPO 70 cm Series 5 dBi
Sirio Professional Omni
UHF Base Station Antennas 350-510 MHz

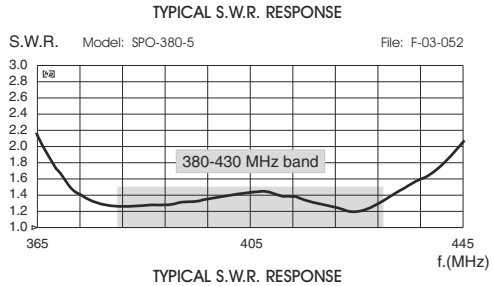
MAIN FEATURES
- Omnidirectional Wideband Colinear antennas, no tuning required
- Designed to work without ground plane, Anodized aluminium and stainless steel hardware
- Maximum protection against the harshest weather condition, IP67 waterproof
- Fully designed and manufactured in Italy

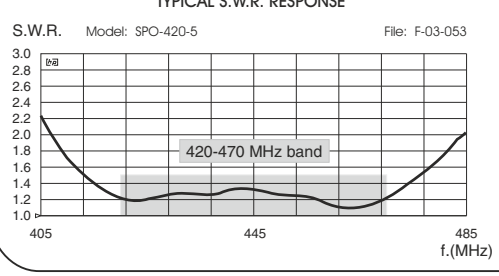
UPGRADED FEATURES
- New plastic clamp to ensure a secure seal with the connector protection cap

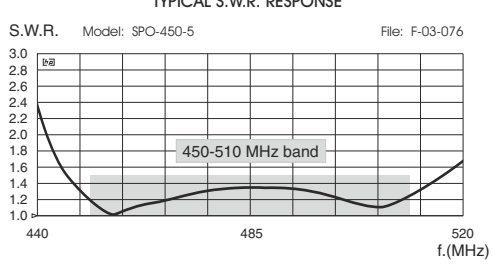


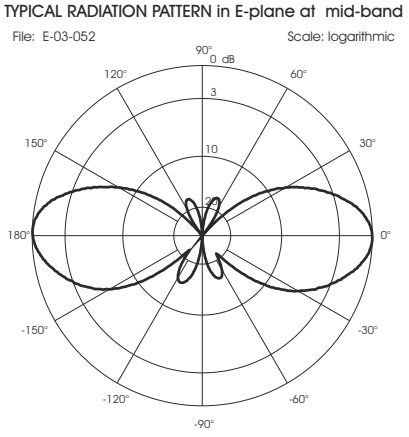
Electrical Data	**SPO 350-5**	**SPO 380-5**	**SPO 420-5**	**SPO 450-5**
Type	Colinear			
Frequency Range	350 - 400 MHz @ SWR £ 1.5	380 - 430 MHz @ SWR £ 1.5	420 - 470 MHz @ SWR £ 1.5	450 - 510 MHz @ SWR £ 1.5
Impedance	50 W			
Radiation (H-plane)	360° Omnidirectional - HCM code = 000ND00			
Radiation (E-plane)	Beamwidth @ -3dB = 40° - HCM code = 020ND15			
Radiation angle deg.	0°			
Polarization	Linear Vertical			
Gain	3 dBd - 5.15 dBi			
Max Power	75 Watts (CW) @ 30°C ambient			
Grounding Protection	All metal parts are DC-grounded, inner conductor shows a DC short			
Connector	N-female, with rubber protection cap			
Mechanical Data				
Materials	White fiberglass radome Æ28.6 mm, anodized 6063-T5 aluminium, brass, stainless steel, copper, EPDM rubber.			
Wind Load at 150 km/h	53 N	52 N	49N	41 N
Wind Resistance	180Km/h;112mi/h	180Km/h;112mi/h	200Km/h;124mi/h	200Km/h;124mi/h
Wind Surface	0.044m²;0.47ft²	0.043m²;0.46ft²	0.04m²;0.43ft²	0.034m²;0.36ft²
Operating temperature	-40°C to + 80°C			
Height (approx.)	1380mm; 4.5ft	1330mm; 4.3ft	1230mm; 4.0ft	1070mm; 3.5 ft
Weight (approx.)	1240 gr; 2.7 lb	1200 gr; 2.6 lb	1160 gr; 2.5 lb	1090 gr; 2.4 lb
Ingress Protection	IP 67			
Mounting Mast	Side mast with "V" bolt, Æ35-60 mm, Æ1.4-2.4 in			





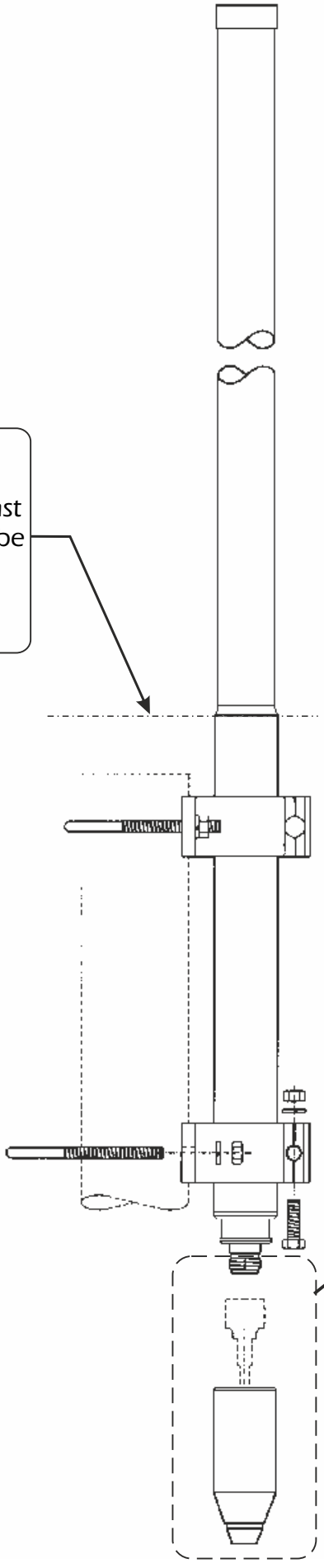






MOUNTING INSTRUCTIONS

ATTENTION!
The mounting mast does not have to be higher of the aluminium tube



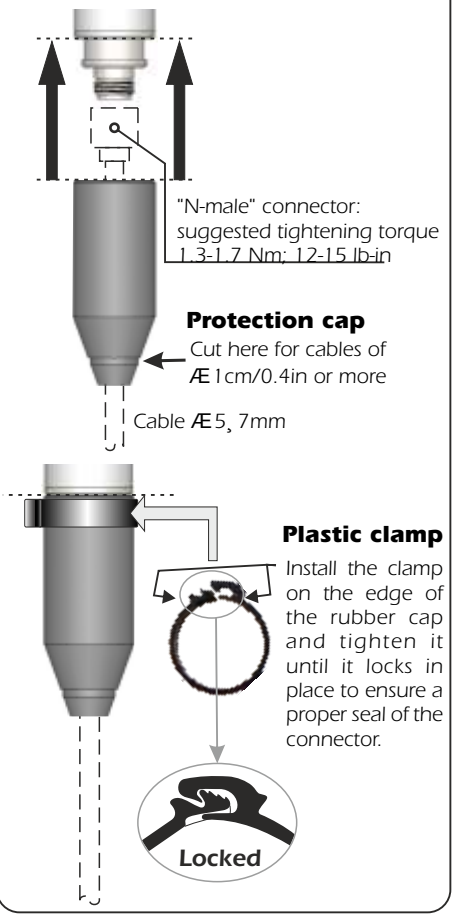
FT-5 fixing bracket:



FT-5 fixing bracket part list	
Q.ty	*Description*
2	Extruded aluminium bracket
2	M6x206 V-bolt
2	M6x20 Exagonal head screw
6	M6 Spring lock washer
6	M6 Hexagonal nut
Materials:	extruded aluminum
Hardware:	stainless steel
Dimensions:	85x65x25mm; 3.3x2.5x1in
Weight:	220 g; 0.5 lb
Re-order code: 2519613.00	

Connector protection cap and plastic clamp

Re-order code: WKI00048



HI-QUALITY ANTENNAS MADE IN ITALY

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