## SPO 70 cm Series 5 dBi

## Sirio Professional Omni

UHF Base Station Antennas 380-470 MHz

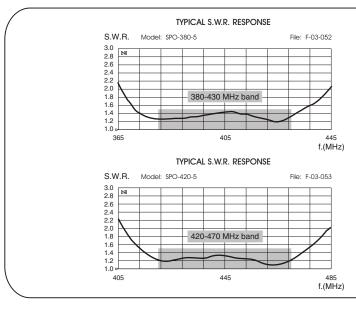
**DESCRIPTION:** New series of wide band omnidirectional base station antennas for UHF band suitable for marine service too. The fiberglass protection radome and the anodized aluminium parts guarantee robustness and long life to all the SPO-antennas series. They are supplied with two strong extruded aluminium brackets and stainless steel hardware for a good installation on the mast.

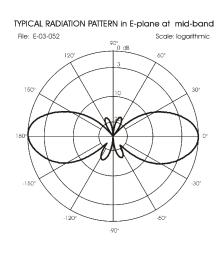
Electrical Data			
Model	SPO 380-5	SPO 420-5	
Туре	Colinear		
Frequency Range	380 - 430 MHz	420 - 470 MHz	
	@ SWR 1.5	@ SWR 1.5	
Impedance	50		
Radiation (H-plane)	360° Omnidirectional		
Radiation (E-plane)	Beamwidth @ -3dB = 40°		
Radiation angle deg.	0°		
Polarization	Linear Vertical		
Gain	3 dBd - 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	28.6 mm, anodized 6063-T5	
	aluminium, brass, stainless steel, copper, EPDM rubber.		
Wind Load at 150 km/h	53 N		
Wind Resistance	180 Km/h		
Wind Surface	0.044 m²		
Operatin temperature	-40°C to + 80°C		
Height (approx.)	1380 mm		
Weight (approx.)	1215 gr	1200 gr	
Mounting Mast	Side mast with "V" bolt, 35-54 mm		









## **MOUNTING INSTRUCTIONS**

