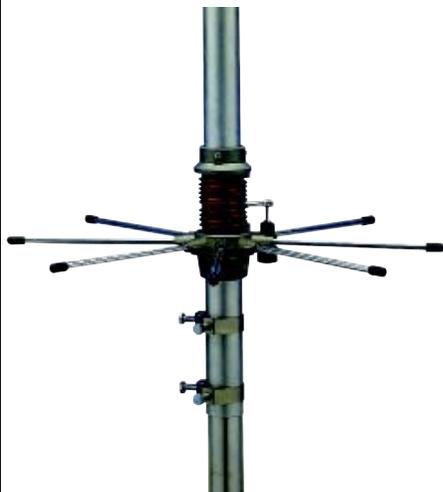
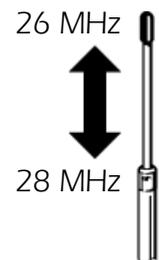


Final mounting view

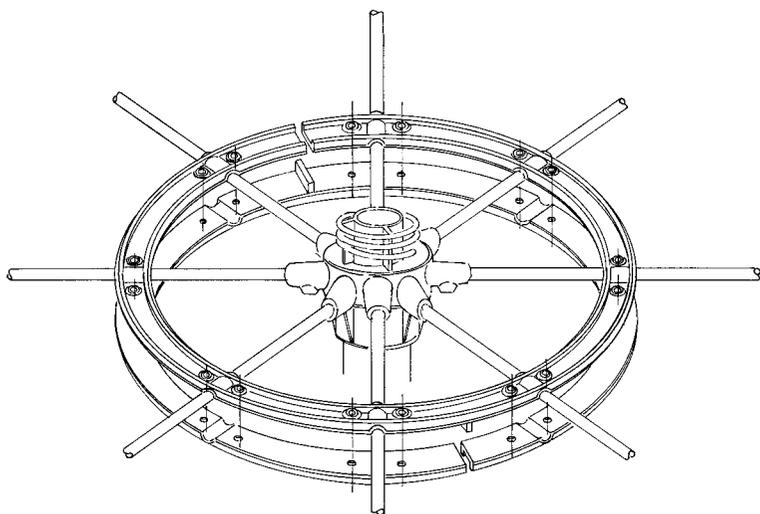


TUNING INSTRUCTION

- SIRIO 827 doesn't need any tuning because its large band. However a fine modifications is available by acting on the final whip.

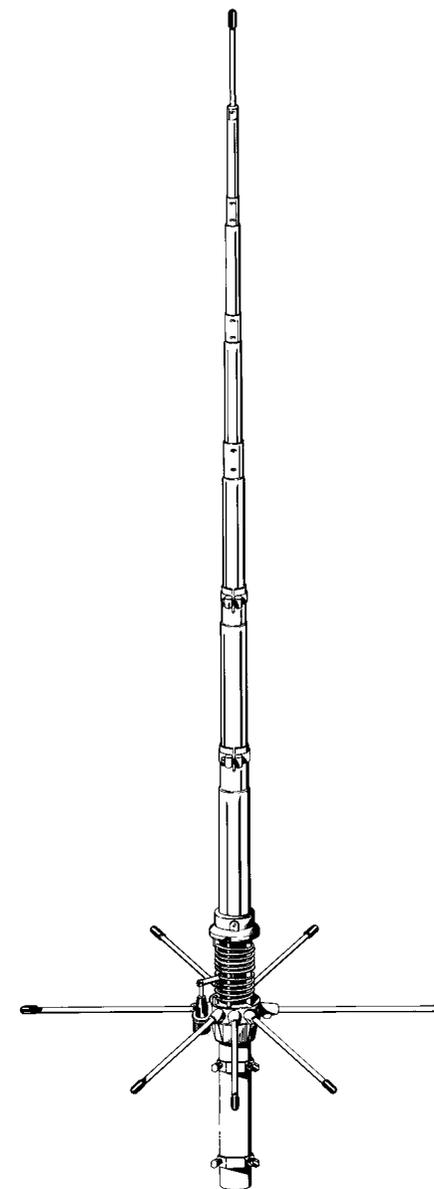


OPTIONAL ANTI-NOISE NYLON RING



Optional noise nylon ring to reduce the wind noise of the radials.
Code 2511011.00

SIRIO 827



Installation Manual

DESCRIPTION

The most modern technology and the most advanced instruments have been used for the realization of SIRIO 827, the new base antenna with remarkable characteristics. It is made of Silicon Magnesium Aluminium tubes of big dimensions drawn and cemented on the surface to get the maximum strenght of the main whip. The coil, made of enamelled copper wire of big section, has been specially planned in order to bear high powers. It adopts the exclusive system C.A.C.S. (Coil Auto-Cooling System) which allows the auto-cooling by a finned support that keeps the coil hanging up allowing the air circulation

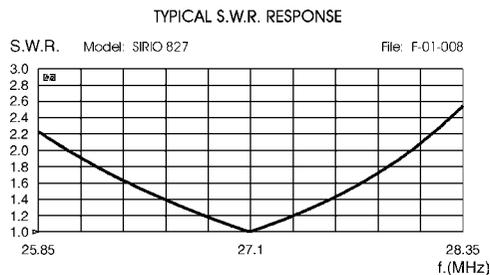
SPECIFICATIONS

Electrical Data

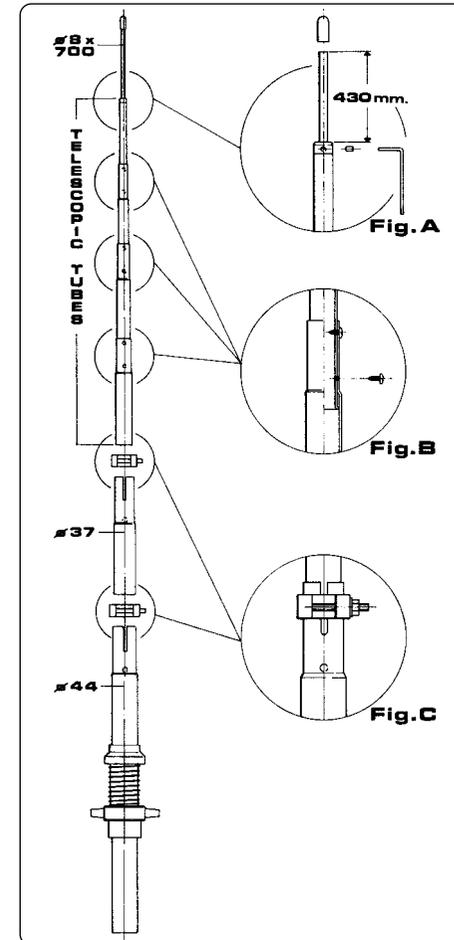
Type	:	5/8 λ Ground Plane
Frequency Range	:	26-29 MHz
Impedance	:	50 Ω Unbalanced
Radiation (H-plane)	:	360° Omnidirectional
Polarization	:	Vertical
Gain	:	1.5 dBd, 3.65 dBi
Bandwidth at V.S.W.R. 2:1	:	2000 KHz
V.S.W.R. at res. freq.	:	$\leq 1.1 : 1$
Max Power	:	1000 Watts
Feed system / position	:	Transformer DC-ground / base
Connector type	:	UHF-female

Mechanical Data

Materials	:	Aluminium, Steel, Copper, Nylon
Height (approx.)	:	6700 mm
Weight (approx.)	:	6000 gr
Radial lenght	:	1400 mm
Mounting Mast	:	\varnothing 35-39 mm



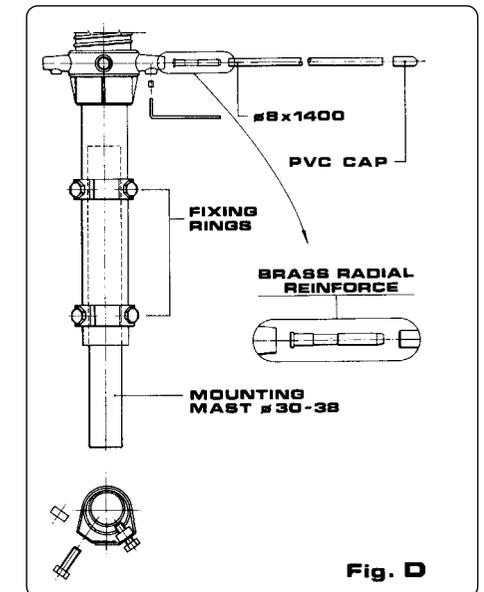
MOUNTING INSTRUCTIONS



• **Fig. A:** Insert the tube \varnothing 8 x 700 mm in the top-part of the telescopic whip; let it out for 430 mm, lock it by using the supplied screw and key and assemble the PVC cap on the whip.

• **Fig. B:** Unstring the 4 telescopic tubes and fix them by using the 6 screws supplied.

• **Fig. C:** Fix the telescopic whip to the tube \varnothing 37 mm by means of the first tightening clip \varnothing 32-35 mm and proceed to fix the tube \varnothing 37 mm to the tube \varnothing 44 mm with the second clip \varnothing 40-43 mm.



• **Fig. D:** Assemble the fixing rings as shown in the picture and insert the antenna on the mounting mast. Put the PVC caps on the radials \varnothing 8 x 1400 mm and fix them with the supplied screws and key.