

SAFETY INSTRUCTIONS

WARNING



Radio Frequency Radiation Hazard

The radar antenna emits electromagnetic radio frequency (RF) energy which can be harmful, particularly to your eyes. Never look directly into the antenna aperture from a close distance while the radar is in operation or expose yourself to the transmitting antenna at a close distance.

Distances at which RF radiation levels of 100 and 10 W/m² exist are given in the table below.

Note: If the antenna unit is installed at a close distance in front of the wheel house, your administration may require halt of transmission within a certain sector of antenna revolution. This is possible. Ask your FURUNO representative or dealer to provide this feature.

Model ³	TR unit	Magnetron	Antenna ¹	Distance to 100 W/m ² point	Distance to 10 W/m ² point
FAR-2827/2127	RTR-079	MG5436	XN12AF	0.80 m	11.20 m
FAR-2827/2127	RTR-079	MG5436	XN20AF	0.40 m	6.60 m
FAR-2827/2127	RTR-079	MG5436	XN24AF	0.20 m	5.80 m
FAR-2817/2117	RTR-078	MG4010 ²	XN12AF	0.30 m	4.20 m
FAR-2817/2117	RTR-078	MG4010 ²	XN20AF	0.10 m	3.00 m
FAR-2817/2117	RTR-078	MG4010 ²	XN24AF	--	2.40 m
FAR-2137S	RTR-080	MG5223F	SN30AF		
FAR-2137S	RTR-080	MG5223F	SN36AF		
FAR-2827W	RTR-081	MG5436	XN20AF		
FAR-2827W	RTR-081	MG5436	XN24AF		
FAR-2837S	RTR-080	MG5223F	SN30AF		
FAR-2837S	RTR-080	MG5223F	SN36AF		
FAR-2837SW	RTR-082	MG5223F	SN30AF		
FAR-2837SW	RTR-082	MG5223F	SN36AF		

¹ XN12AF: 4 ft XN20AF: 6.5 ft XN24AF: 8 ft
 SN30AF: 10 ft SN36AF: 12 ft

² Or MAF1425B

³ FAR-2117/2127/2137S available in blackbox configuration.