

**PARTS LIST of Antenna units for FURUNO Marine radar Types: FR-8XX2 series including Transceiver RTR-085/-086/-087**

Antenna units of this equipment contain the complex modules, printed circuit boards and major discrete parts. These are listed below:

1 FR-8062 (TX power: 6 kWpeak)

	Function modules/ Major discrete parts	Module type/ Type number	Remarks
1	Antenna unit		
1.1	Scanner	RSB-0070, RSB-0073	24 rpm, 24/36/48 rpm
	Antenna drive motor	RM8025, RM8711	24 rpm, 24/36/48 rpm
	Reed switch	RS 1 NO/ 03S8621	
1.2	<b>Transceiver</b>	RTR-085	
1.2.1	RTB Board	03P9405	
1.2.2	IF AMP Board	03P9404	
1.2.3	MD Board	03P9235	
1.2.4	RRV Board	03P9323	
	Magnetron	MAF1422B, MG4006	
	Circulator	RC4356	
	Limiter	RU9099	
	MIC (Microwave Integrated Circuit)	RU9731	
1.3	Radiator	XN12A, XN13A	4-ft type, 6-ft type

2 FR-8122 (TX power: 12 kWpeak)

	Function modules/ Major discrete parts	Module type/ Type number	Remarks
1	Antenna unit		
1.1	Scanner	RSB-0073	24/36/48 rpm
	Antenna drive motor	RM8711	24/36/48 rpm,
	Reed switch	RS 1 NO/ 03S8621	
1.2	<b>Transceiver</b>	RTR-086	
1.2.1	RTB Board	03P9405	
1.2.2	IF AMP Board	03P9404	
1.2.3	PTU Board	03P9236	
1.2.4	MD Board	03P9237	
	Magnetron	MAF1425B	
	Circulator	RC4356	
	Limiter	RU9099	
	MIC (Microwave Integrated Circuit)	RU9731	
	HV (Pulse) transformer	RT4427	
1.3	Radiator	XN12A, XN13A	4-ft type, 6-ft type

## 3 FR-8252 (TX power: 25 kWpeak)

	Function modules/ Major discrete parts	Module type/ Type number	Remarks
1	Antenna unit		
1.1	Scanner	RSB-0073	24/36/48 rpm
	Antenna drive motor	RM8711	24/36/48 rpm
	Reed switch	RS 1 NO/ 03S8621	
1.2	<b>Transceiver</b>	RTR-087	
1.2.1	RTB Board	03P9405	
1.2.2	IF AMP Board	03P9404	
1.2.3	RFC Board	03P9238	
1.2.4	MD Board	03P9239	
	Magnetron	M1458(F)	
	Circulator	RC4356	
	Limiter	RU9099	
	MIC (Microwave Integrated Circuit)	RU9731	
	HV (Pulse) transformer	RT9023	
	Fan motor	MMS-06C24DS-R01/ 03S9110	
1.3	Radiator	XN12A, XN13A	4-ft type, 6-ft type