




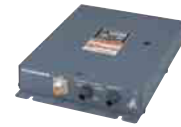
Network Fish Finder		
	DFF1	ETR-30N
		
		
<b>TRANSCIVER &amp; DISPLAY</b>		
Display Modes	Single (50 or 200 kHz), Dual (50 and 200 kHz), Bottom-lock, Bottom Zoom, Bottom Discrimination, Marker Zoom, A-Scope	Single (Hi or Low frequency), Dual (both Hi and Low frequency), Bottom-lock, Bottom Zoom, Bottom Discrimination, Marker Zoom, A-Scope
Frequency	Dual frequency 50 kHz and 200 kHz	The synthesized transducer works with dual frequencies in 28 to 200 kHz
Output Power	600 W / 1 kW rms (Specify)	1, 2 or 3 kW (Specify when ordering)
Range Scale	8 basic ranges customized to max 1,200 m (4,000 ft, 650 fa)	Any ranges customized between 2 and 1500 m
Range Phasing	Up to 2,400 m (8,000 ft, 1,300 fa)	Up to 3000 m
<b>ENVIRONMENT</b>		
Temperature	-15°C to +55°C	-15°C to +55°C
Waterproofing	IEC 60529 IP20	IEC 60529 IPX0
<b>POWER SUPPLY</b>		
	12-24 VDC	12-24 VDC
	12 W	30 W
<b>TRANSDUCERS</b> (Specify when ordering)		
	<b>600 W</b> 50/200 kHz: 520-5PSD (Plastic, thru-hull), 520-5MSD (Bronze, thru-hull), 520-5PWD (Plastic, transom), 525ST-MSD (Bronze, thru-hull with speed/temp sensor), 525ST-PWD (Plastic, transom with speed/temp sensor) <b>1 kW</b> (Optional Matching box MB-1100 may be required) 50 kHz: 50B-6, 50B-6B, 50B-9B, 200 kHz: 200B-5S 50/200 kHz: 50/200-1T, 50/200-12M	28 kHz: 28F-8, 28F-18, 50BL-24H, 28F-24H 50 kHz: 50B-6/6B, 50B-9/9B, 50F-8G, 50B-12, 50BL-12 65-110 kHz: 82B-35R 88 kHz: 88B-8, 88B-10, 88F-126H 107 kHz: 100B-10R 200 kHz: 200B-5S, 200B-8/8B, 200B-8N, 200B-12H

**GPS/WAAS Receiver Antenna GP-320B**



RECEIVER CHARACTERISTICS	
Receiver Type	Twelve discrete channels, C/A code, all-in-view, WAAS
Receiver Frequency	L1 (1575.42 MHz)
Time to First Fix	12 s (warm start)
Tracking Velocity	999 kt
Geodetic Systems	WGS-84, NAD-27 and others
Accuracy	10 m (GPS) 3 m (WAAS)
<b>ENVIRONMENT</b> (IEC 60945 test method)	
Temperature	-25°C to +70°C
Waterproofing	IEC 60529 IPX6
<b>POWER SUPPLY</b>	
	12-24 VDC 1 W

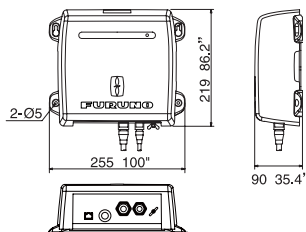
**Network Weather Facsimile Receiver FAX-30**



TRANSCIVER CHARACTERISTICS	
Frequency Range	80 kHz to 160 kHz, 2 MHz to 25 MHz, 490 kHz, 518 kHz (NAVTEX)
Class of Emission	F3C, J3C, F1B (NAVTEX)
Receiving System	Double superheterodyne
Storage	Fax: 12 pictures, NAVTEX: 130 messages
<b>ENVIRONMENT</b> (IEC 60945 test method)	
Temperature	-15°C to +55°C
Waterproofing	IEC 60529 IPX2
<b>POWER SUPPLY</b>	
	12-24 VDC 12 W

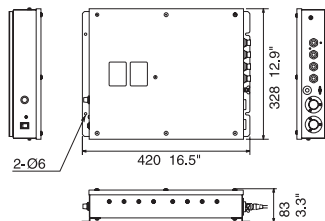
**Network Fish Finder DFF1**

1.3 kg 2.9 lb



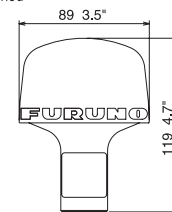
**Network Fish Finder ETR-30N**

5.6 kg 12.4 lb



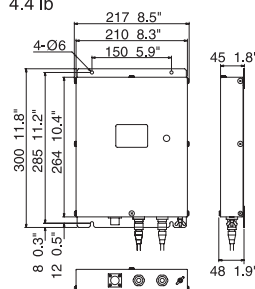
**GPS/WAAS Receiver Antenna GP-320B**

0.8 kg 1.8 lb  
10 m cable attached



**Network Weather Facsimile Receiver FAX-30**

2.0 kg 4.4 lb



**Remote Controller**

0.06 kg 0.1 lb

