



SATELLITE MARITIME MODEMS COMPARISON GUIDE



Interactive file - Click on each network to check coverage online 

	THURAYA ORION IP	THURAYA ATLAS IP	SAILOR 500	FX 500	SAILOR 250
					
Network/ Coverage	THURAYA 	THURAYA 	 inmarsat	 inmarsat	 inmarsat
Manufacturer	Hughes	Hughes	Cobham Satcom	Wideye	Cobham Satcom
Diameter Antenna	277 x 391 mm	277 x 319 mm	797.5 x 687 mm	653 x 652 mm	330 x 276 mm
Size BDU	46 x 281 x 233 mm	294 x 244 x 69 mm	366.5 x 264.5 x 45.5	360 x 250 x 67 mm	366.5 x 264.5 x 42.5 mm
Weight Antenna	3.2 kg	3 kg	23 kg	19.2 kg	3.9 kg
Weight BDU	2.2 kg	2.95 kg	2.5 kg	3.9 kg	2.5 kg
Standard IP - Internet Speed	444 kbps Up & Down	444 kbps Up & Down	432 kbps Up & Down	432 kbps Up & Down	284 kbps Up & Down
Streaming IP	16,32,64,128, 256 or 384 kbps	16,32,64,128, 256 or 384 kbps Asymmetric mode	8,16,32,64,128, or 256 kbps	8,16,32,64,128, or 256 kbps	8,16,32,64 or 128 kbps
Wi-Fi					
Voice			 9 lines simultaneously		 6 lines simultaneously
SMS					
Fax					
Data Interface	4 Ethernet ports	4 Ethernet ports	4 Ethernet ports	4 Ethernet ports	4 Ethernet ports
ISDN					
Ingress Protection	IP56 (Antenna) IP31 (BDU)	IP56 (Antenna) IP31 (BDU)	IPX6 (Antenna) IP31 (BDU)	IP56 (Antenna) IP31 (BDU)	IPX6 (Antenna) IP31 (BDU)
Operating Temperature Antenna	- 25°C to 55°C	- 25°C to 55°C	-25°C to +55°C	-25°C to +55°C	-25°C to +55°C

FX 250	SAILOR 150	FX 150	SKIPPER 150	IRIDIUM PILOT	FLEET ONE
					
					
Wideye	Cobham Satcom	Wideye	Wideye	Iridium	Cobham Satcom
320 x 277 mm	292 x 275.4 mm	320 x 277 mm	291 x 221 mm	570 x 230 mm	275.6 x 292 mm
360 x 250 x 67 mm	231 x 278 x 41 mm	366 x 250 x 67 mm	287 x 222 x 69 mm	250 x 200 x 55 mm	278 x 264 x 41 mm
3 kg	3.9 kg	3 kg	2.5 kg	11 kg	3.9 kg
3.9 kg	2.8 kg	3.9 kg	2.8 kg	1.35 kg	2 kg
284 kbps Up & Down	150 kbps Up & Down	150 kbps Up & Down	150 kbps Up & Down	134 kbps Up & Down	100 kbps Up & Down
8,16,32,64 or 128 kbps	✗	✗	✗	✗	✗
✓	✗	✗	✗	✗	✗
✓	✓	✓	✓	✓ 3 lines simultaneously	✓
✓	✓	✓	✓	✗	✓
✓	✗	✓	✓	✗	✗
4 Ethernet ports	2 Ethernet ports	2 Ethernet ports	1 Ethernet port	1 Ethernet port	1 Ethernet ports
✗	✗	✗	✗	✗	✗
IP56 (Antenna) IP31 (BDU)	IPX6 (Antenna) IP31 (BDU)	IP56 (Antenna) IP31 (BDU)	IP56 (Antenna) IP44 (BDU)	IP66 (Antenna)	IP56 (Antenna) IP44 (BDU)
- 25°C to +55 °C	-25°C to +55°C	- 25°C to +55°C	- 25°C to + 55°C	-30°C to +70°C	- 25°C to +55° C

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