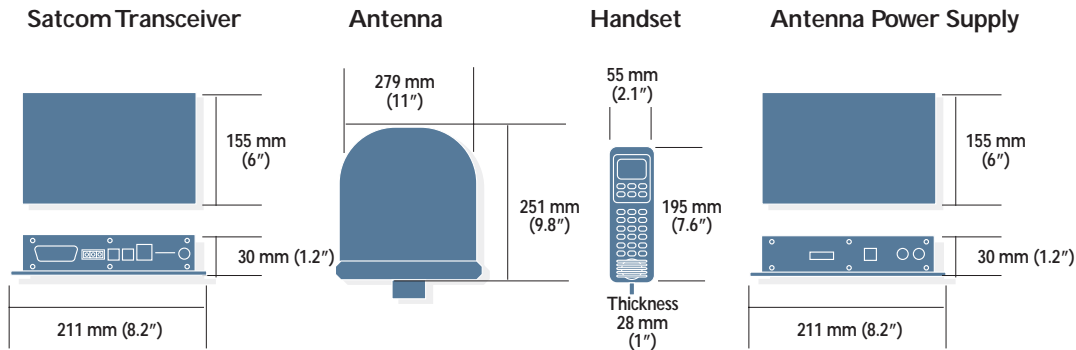


# Simrad MS50 Technical Specifications



**Power:**  
DC input 10 - 32V polarity independent.

**Power Consumption:**  
12W Tx  
0.5W Standby

**Built in RAM Backup Battery:**  
Life time: 10 years  
Type: Li-Mn 3V, CR2032

**Weight:**  
0.9 kg

**Environmental conditions:**  
Storage: -40°C to + 80°C  
Operational: -25°C to + 55°C

**Frequency:**  
1626.5 to 1660.5 MHz (transmitting)  
1525.0 to 1559.0 MHz (receiving)

**External Interface:**

- Two-wire interface for standard DTMF phone, cordless base station or PABX( Trunk lines)
- Two-wire interface programmable for i. e. standard DTMF phone, cordless base station, PABX (Trunk lines) or fax machine (default)  
Connector: RJ11  
Line voltage: 30V DC  
Ringing signals: 35V RMS 25Hz  
(Max. two telephones/faxes)
- Data connector for data communication, printer or software download.  
Connector: D-sub, 9 pins RS232  
Data protocol: Hayes AT compatible
- SIM card interface: According to Inmarsat SDM module B annex 7 (subset of ISO 7816)

**Key features:**

- Voice
- Fax 2.4 kbps Group III
- Data 2.4 kbps
- SIM card handling
- Handsfree (only with 4-WV handset)
- VT100 PC interface
- Redial of last 10 individual numbers called
- Telephone book for 99 numbers (22digit)\*
- NIMS Mobile to Fixed\*
- NIMS Fixed to Mobile\*
- Prepaid minutes\*\*
- Secure Interface Unit - STU-IIB/STU III Interface
- Call logging\*\*
- Access Code\*\*
- Restricted dialling\*\*
- Restricted LES\*\*
- Multilanguage\*

**Value added service options:**

- Message Service
- Voice/fax mail
- Call forwarding

\* With VT100 PC interface only.

\*\*Configurable with VT100 PC interface only

**MOBIQ Services**

- Global Coverage
- One Global Price
- One Global Dialling Code 870
- Voice and Fax Mailbox (Short Code 57)
- Call Forwarding (Short Code 46)
- Eik Direct
- 24 hour Support Service with multi-lingual operators
- Easy cost and billing control

Note: Specifications are subject to change without notice.

Supplier:

www.simrad.com

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