



9671 HF 150-MG, 9671 HF 400-MG, 9671 HF 1000-MG,
9671 HF 400-S, 9671 VLF RX-MG

SRC 9671 HF NAVAL/FIXED
STATION RADIO FAMILY

#MilitaryCommunication



aselsan

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SRC 9671 HF NAVAL/FIXED STATION RADIO FAMILY

9671 HF radio enables encrypted voice and data communication in frequency hopping mode.

9671 HF Naval/Fixed Station Radio Family Configurations

- 150W HF naval/fixed station radio configuration
- 400W HF naval/fixed station radio configuration
- 1000W HF naval/fixed station radio configuration
- VLF/HF receiver configuration

Configurations can be provided with built-in 40dB (10% frequency separation) pre/post selector module.

General Features

- Frequency hopping capability
- Built-in encryption
- Built-in MODEM
- Emergency erase (zeroize)
- Channel scanning
- Automatic link establishment (3G ALE) in compliance with STANAG 4538 (FLSU/CLC)
- Automatic channel selection (ACS) in ALE mode
- Built-in loudspeaker
- Built-in GPS
- VOX
- Modulation types: USB, LSB, ISB, CW, AM, AME
- Number of presets: 200 preprogrammed, 100 manually programmable
- Built-in-Test equipment (BITE): power-up/continuous/ user tests
- IP remote control capability: remote voice and IP data communication capability over the radio via IP network (optional)
- Generation of manual channel and group in automatic link Establishment mode
- External interfaces:
 - Narrow band voice (external modem, external voice encryption external voice connection)
 - Data device (external data encryption external data terminal)
 - Data link (link-11/link-22)
 - External Control (IP and serial control)
 - Voice recorder
 - GPS
 - Fillgun
 - Power supply
 - Morse key
- Synchronization : GPS, TOD, GPS+TOD (Frequency Hopping, ALE)
- EPM : Frequency Hopping, Built-in Encryption

Accessories/Options

- Various antennas (broadband, narrowband, rod, whip, loop, nviz, diamond, inverted cone)
- External loudspeaker
- Handset
- GPS antenna

User Services

- Voice communication
 - Fixed frequency : Analog clear
 - Frequency hopping : Digital encrypted (600/1200/2400 bps STANAG 4591 MELPe coded)
- Data communication
 - Synchronous, asynchronous, SMS, operation code
 - Fixed frequency : Clear or encrypted data
 - Frequency hopping : Encrypted data

Technical Specifications

- Frequency band:
 - 1.6 – 30 MHz (for HF transceivers)
 - 10 kHz – 30 MHz (for VLF/HF receiver)
- Frequency tuning steps:
 - TX: 10 Hz
 - RX: 1 Hz
- Frequency stability : 0.1 ppm (@room temperature)
- Sensitivity for 10 dB SINAD (2-30 MHz, without PPS)
 - Nominal value for CW : -121 dBm
 - Nominal value for SSB : -113 dBm
 - Nominal value for AM : -107 dBm
- RF output power:
 - 150W configuration : 10 W/30 W/100 W/150 W PEP
 - 400W configuration : 30 W/100 W/150 W/400W PEP
 - 1000W configuration : 100 W/150 W/250 W/400 W/650 W/1000 W PEP

