



Master oscillator



APPLICATION

Master oscillator microwave module is designed to operation in the equipment of ship complex "Mineral-ME".

SPECIFICATION

Operating frequency fixed, GHz	9.8–10.1
Output power of master oscillator, mW	20±3.0
Output power of heterodyne signal, mW	10–5
Frequency stability, no less	±2x10 ⁻⁶
Modulation (modulation frequency)	FM; 50 Hz–5 MHz
Phase noise at 10 kHz offset from carrier, dB/Hz	-105
Operating temperature range, °C	-30–+75
Supply voltage/consumption current, V/A	10–16/≤0.5
The level of spurious components suppression in the output signal spectrum, dB	≥50