MICRO RUBIDIUM ATOMIC OSCILLATOR 9900 SERIES

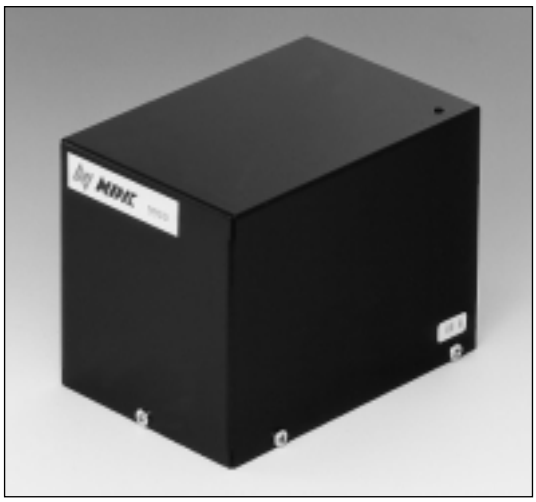
Model 9900

■ Main applications :
- Typical frequency source of communication equipment.
- Frequency source of various kinds of measuring instruments.
- Frequency standardization in plants and laboratories.

■ Features
- 310㎤ cubic micro rubidium atomic oscillator. World's smallest.
- Micro (width 58mm, height 64mm, depth 84mm), and super light weight (0.7kg) product using atomic resonance of rubidium atom (Rb^{87}) is a highly stable 10MHz oscillator, which can be incorporated in various kinds of equipment.

■ Specification

Item \ Model	9900
Output Frequency (MHz)	10
Long-term Stability of Frequency	5×10^{-11}/month
Short-term Stability of Frequency	3.0×10^{-12} (10^2 seconds)
Temperature Characteristics of Frequency	$\pm3.0\times10^{-10}$/25°C±25°C
Start-up Characteristics of Frequency	< 3×10^{-10}/15 minutes (25°C)
Power Supply Voltage/ Power	+24±2VDC Typ 10W (24V, 25°C), Max 27W
External Dimensions (mm)	58(W)×84(D)×64(H) (0.31ℓ)
Weight	0.7kg max
Output Level	0.5 V (sine wave, 50 Ω termination)
Output Connector	SMA (rear side)
Operating Temperature Range	0°C to 50°C



■ Dimensions