

UNFS-2000 (Pre-Release)

Features

- Frequency Range 100MHz~20000Hz
- low Phase Noise
- Standard PXI structure and communication protocol

Frequency Range (MHz)		100~10000&200~20000
Frequency Resolution (Hz)		0.001
Frequency Switching Time (us)		≤200
Power (dBm)		-20~+13
Power Stability (dB)		±2.5
Frequency Stability		2×10 ⁻⁷ (Same as reference)
Frequency Accuracy		2×10 ⁻⁷ (Same as reference)
Non-Harmonic Spurious (dBc)		≤-75/-70(typ (max.))
Harmonics (dBc)		≤-35 (200~12500MHz) ≤-20 (12500~20000MHz)
Phase Noise dBc/Hz @10GHz	dBc/Hz@1kHz	-122
	dBc/Hz@10kHz	-130
	dBc/Hz@100kHz	-132
	dBc/Hz@1MHz	-136
Supply Voltage (V/A)		+12/1.6 (Warm-up) +12/1.2 (stable)
Connector		RF : SMA-KFD Control : J1、J2(standard PXI package) ; J30J-09(standard module package)
Size (W x L x H)		≤146.1×95×54mm (3UPXI)
Control Interface		SPI/PXI
Temperature Range(operating) (°C)		-40~+70
Temperature Range (non-operating) (°C)		-55~+85
Pulse Modulation		
Pulse depth		≥60dBc(Test power : +10dBm)
pulse width		100ns~10ms
Power Stability (dB)		≤0.2dB
Rise/Fall Time		≤30ns/50ns