

Extreme phase noise PDRO



Description:		
1. For the highest level instrument calibration;		
2. Unmatched extreme phase noise ;		
3. Can be transplanted to the frequency synthesizer, the design of the ultimate phase noise frequency synthesizer.		
Frequency range (GHz)	10	
Step (Hz)	--	
Frequency switching (uS)	--	
Output level (dBm)	$\geq +13$	
Output level flatness (dB)	--	
Frequency temperature stability	$\pm 1 \times 10^{-7}$ (Same as external reference)	
Frequency accuracy	$\pm 1 \times 10^{-7}$ (Same as external reference)	
Spurious (dBc)	≤ -80	
Harmonics (dBc)	≤ -40	
Phase Noise	dBc/Hz@1kHz	≤ -126
	dBc/Hz@10kHz	≤ -133
	dBc/Hz@100kHz	≤ -137
	dBc/Hz@1MHz	≤ -139
Power supply (V/mA)	+12/2500(Warm up) +12V/1000 (Steady)	
Connector	RF connector: SMA-KFD Control and power connector: Through capacitance	
Dimensions	1U 19'/260×220×22mm	
Control	--	
Operating temperature (°C)	-40~+70	
Storage temperature (°C)	-55~+85	

