



DDS MICROWAVE SYNTHESIZER

Frequency range: 0.5~2GHz、2~4GHz、4~8GHz、8~18GHz、2~18GHz、0.1~18GHz

Stepped frequency: 5MHz (optional 1: stepping 1MHz; optional 1: any stepping)

Phase noise: ≤ -100 dBc/Hz @ 1KHz (0.5~2GHz)

≤ -95 dBc/Hz @ 1KHz (2~4GHz)

≤ -90 dBc/Hz @ 1KHz (4~8GHz)

≤ -85 dBc/Hz @ 1KHz (8~18GHz)

≤ -85 dBc/Hz @ 1KHz (2~18GHz、0.1~18GHz)

Scattering: ≤ -60 dBc

Output Power: $\geq +10$ dBm、+13dBm、+17dBm

Flatness: $\leq \pm 2$ dB (typical value)

Harmonic suppression: ≤ -15 dBc (optional 3: harmonic suppression ≤ -40 dBc)

Frequency stability: Built-in temperature crystals temperature stability for 1×10^{-7} , can be external 100 MHz crystal vibration

Frequency hopping speed: ≤ 1 μ s, 400ns (typical value)

Operating voltage: +15V、 ± 5 V、+24V

Operating temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

Note: due to product customization is stronger, the above index are for reference only, when placing order, please confirm with manufacturer for the specific technical requirements and product model.