



Frequency Hopping Synthesizer FHSZ-8586



Features

- Operating bands from 1 to 18GHz
- Ultra Low Phase Noise
- Low Spurious
- Wide Bandwidths
- Extremely small step sizes available
- Various alarm and interfaces available
- Applicable for military standards (MIL-STD- 210)

Applications

- Ideal for Telecom / Radar
- X-band frequency hopping radar

Specifications

Frequency		60MHz	1080MHz	8.56~8.86GHz
Frequency Step				30MHz (11channels: TTL Input)
Switching Speed				< 3 msec
Freq. Stability		+/-0.5ppm	+/-0.5ppm	+/-0.5ppm
Phase Noise	@100Hz	-120dBc	-95dBc	-70dBc
	@10KHz	-150dBc	-120dBc	-95dBc
	@1KHz	-140dBc	-115dBc	-80dBc
Harmonics		< -40dBc	< -40dBc	< -40dBc
Spurious		< -80dBc	< -70dBc	< -60dBc
Output Power	+25°C	+20±1.5dBm	+15±1.5dBm	+15±2dBm
	-40~+70°C	+20±2dBm	+15±2dBm	+15+4/-3dBm
RF Connectors		SMA-F	SMA-F	SMA-F
Supply Voltage		+15VDC ±5%		
Supply Current		1.5A Typical. 2A MAX.		
Op. Temp. Range		-40~+70 °C		
Storage Temp.		-51~+72 °C		
Altitude		10,000 Feet		
Humidity		95%RH, 10days		