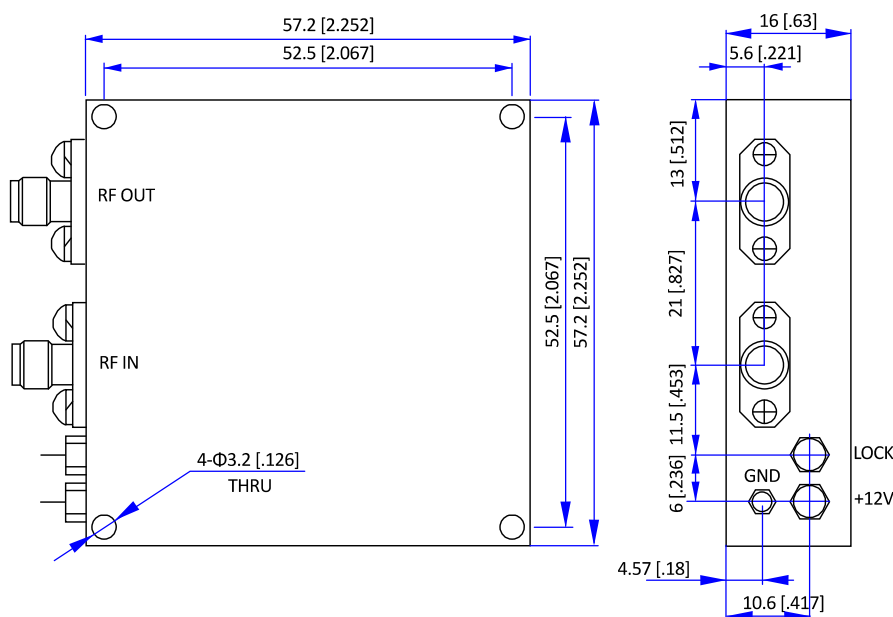


FSPDRO-8200-100E

Frequency Sources, PLDRO, 8.2GHz, 100MHz External Reference

Electrical Specifications			
Output Frequency	8.2 GHz	Output Phase Noise	-94 dBc/Hz Max. @100Hz
Output Power	+15 dBm Min.		-119 dBc/Hz Max. @1kHz
Input Power	0 to ± 5 dBm		-125 dBc/Hz Max. @10kHz
Reference Frequency	100 MHz		-125 dBc/Hz Max. @100kHz
Reference Mode	External		-140 dBc/Hz Max. @1MHz
Reference Phase Noise	-135 dBc/Hz Max. @100Hz	Harmonic	40 dBc Min.
	-160 dBc/Hz Max. @1kHz	Spurious	80 dBc Min
	-170 dBc/Hz Max. @10kHz	Supply Voltage	+12 V DC
	-170 dBc/Hz Max. @100kHz	Supply Current	300 mA Max.
	-175 dBc/Hz Max. @1MHz	Lock indicator	TTL; H: Locked, L: Unlocked
Environmental Specifications			
Operating Temperature	-40°C~+85°C		
Storage Temperature	-55°C~+85°C		
Mechanical Specifications			
RF Connectors	SMA-Female		
DC/Control Interface	Feedthrough Pins		
Dimensions	57.2x57.2x16 mm [2.25x2.25x0.63 in]		

Outline Drawing (Dimension in mm [in], Tolerance: ± 0.3 mm [± 0.01 in])



Ordering Information:

Model: **FSPDRO-8200-100E**