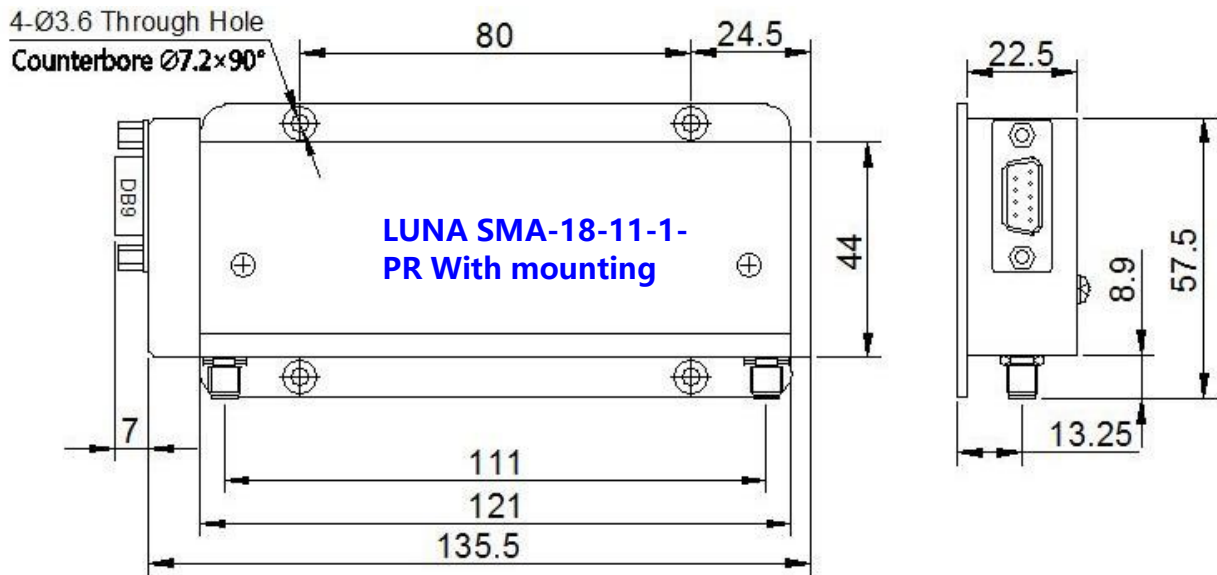


PROGRAMMABLE ATTENUATOR

Model LUNA SMA-18-11-1-PR

DC-18GHz 11dB/1dB 1 Watts



(Unit: mm $\pm 5\%$)

ELECTRICAL SPECIFICATIONS:

Model	Frequency Range (GHz)	Attenuation Step Size(dB)	Insertion Loss(dB)	Max VSWR
LUNA SMA-18-11-1-PR	DC-18	11dB/1dB step	≤ 2.2	1.50 (DC-4GHz) 1.60 (4-12.4GHz) 1.75(12.4-18GHz)

Model	Attenuation(dB)	Attenuation Accuracy(dB)	
		DC-12.4GHz	12.4-18GHz
SHX3714-11-18-FD-A	1	± 0.4	± 0.8
	2		
	3		
	4	± 0.5	± 0.8
	5		
	6	± 0.6	± 0.9
	7		
	8		
	90	± 0.7	± 0.9
	10		
	11	± 0.8	± 1.0

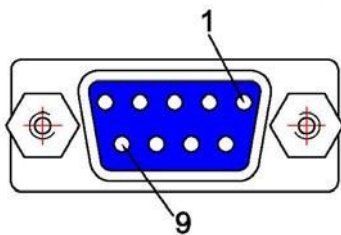
PROGRAMMABLE ATTENUATOR

Nominal Impedance	50Ω
Repeatability	0.05dB
Average Power	1W (100W pulse with 10μs width)
Mechanical Life	1 million cycles
Working Temp.	-20°C~+70°C
Storage Temp.	-55°C~85°C

MECHANICAL SPECIFICATIONS

Weight	About 0.45kg
Switching Time	≤20ms
RF Connector Type	SMA(F,F)
Working Voltage	24V
Controlling Voltage	3.3-5V (Pulse width 50ms~1s)
Controlling Current	0.02-0.8mA
Power Working Current	≥2A

INTERFACE (PINS) DEFINITION:



Pin	High Level (3.3-5V)	Low level (0-0.8V)
1	1dB	0 dB
2	4dB	0 dB
3	2dB	0 dB
4	4dB	0 dB
5	GND	
6		
7	/	
8	/	
9	VDC24V	