

## Part No:LSJ-DC/18-SMA-20W

# Attenuator



### Specifications

Item	Specification
Frequency range	DC ~ 18GHz
Impedance (Nominal)	50Ω
Power rating	20 Watt @25°C
Peak Power(5 μs)	5 KW
Attenuation	XdB+/- X dB/max
V.S.W.R (Max)	1.15: 1--1.35
Connector type	SMA male(Input) – female(Output)
dimension	Ø38*47.5mm
Temperature Range	-55°C~ 85°C
Weight	0.2KG
Colour	Brushed black (matte)
<b>Environmental Specifications</b>	
Operational Temperature	-40 °C~+85 °C
Storage Temperature	-50 °C~+105 °C
Vibration	25gRMS (15 degrees 2KHz) endurance, 1 hour per axis
Humidity	100% RH at 35 ℃, 95%RH at 40 ℃

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S/N: SF180503

ISO9001:2008 质量认证  
ISO14001:2004 环境认证

技术文件 Technical Specifications Rev:A0

Shock	20G for 11msec half sine wave,3 axis both directions
<b>Mechanical Specifications</b>	
Housing	Aluminum blacken anodize
Connector	Passivated stainless steel
Female Contact:	gold plated beryllium brass
Male contact	Brass,Gold plated
Rohs	compliant
Weight	0.2kg
<b>Attenuation accuracy</b>	

Attenuator(dB)	Accuracy ±dB			
	DC-4G	DC-8G	DC-12.4G	DC-18G
1-10	0.4	0.5	0.6	0.6
11-20	0.5	0.6	0.7	0.8
21-30	0.6	0.8	0.8	1
31-40	0.7	0.8	0.9	1.20

<b>VSWR</b>	
Frequency	VSWR
DC-4Ghz	1.15
DC-8Ghz	1.2
DC-12.4Ghz	1.25
DC-18Ghz	1.3

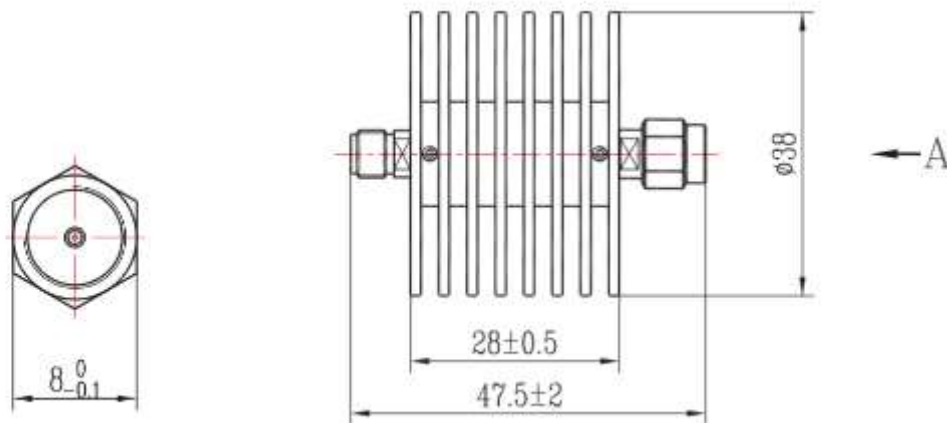
**Outline drawing**

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All Dimensions in mm

All Connectors:SMA-F、SMA-M

Tolerance :  $\pm 0.3\text{MM}$



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