

# Part No:LSJ-DC/40-2.92-20W

## Attenuator



### Specifications

Item	Specification
Frequency range	DC ~ 40GHz
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)	1.3
Connector type	2.92 male(Input) – female(Output)
dimension	Ø44*33.8
Temperature Range	-40°C~ 85°C
Weight	50g
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 ℃

成都利德尔科技有限公司 ChengDu Leader Microwave Technology Co.,Ltd

电话: 028-65199117 传真: 028-65199116

<http://www.leader-mw.com> [Leader-mw@hotmail.com](mailto:Leader-mw@hotmail.com)

TEL: +86-28-65199117 FAX: +86-28-65199116

Add: 中国 成都市成华区华翰路 89 号 610000

No.89,Huahan Road, chenghua Zone Chengdu, Sichuan China Zip Code:610000



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 Heat Sinks:	Aluminum blacken anodize
Connector	Stainless Steel Passivation
Female Contact:	gold plated beryllium brass
Male contact	Gold-plated brass
Rohs	compliant
Weight	65g
<b>Attenuation accuracy</b>	

Attenuator(dB)	Accuracy ±dB
	DC-40G
3-10	-1.5/+1.5
15	-1.5/+1.5
20	-1.5/+1.5
30	-1.5/+1.5

<b>VSWR</b>	
Frequency	VSWR
DC-50Ghz	1.3

**Outline drawing**

All Dimensions in mm  
All Connectors:2.92  
Tolerance : ±0.3MM

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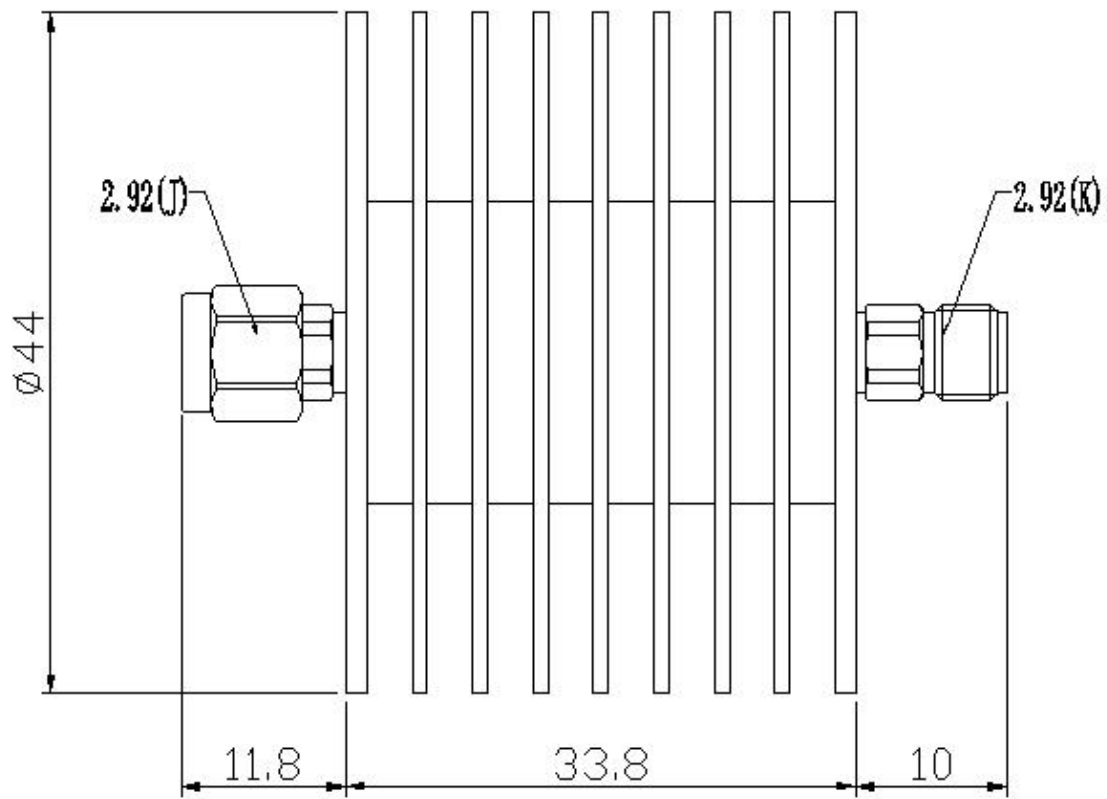
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20d B Test data

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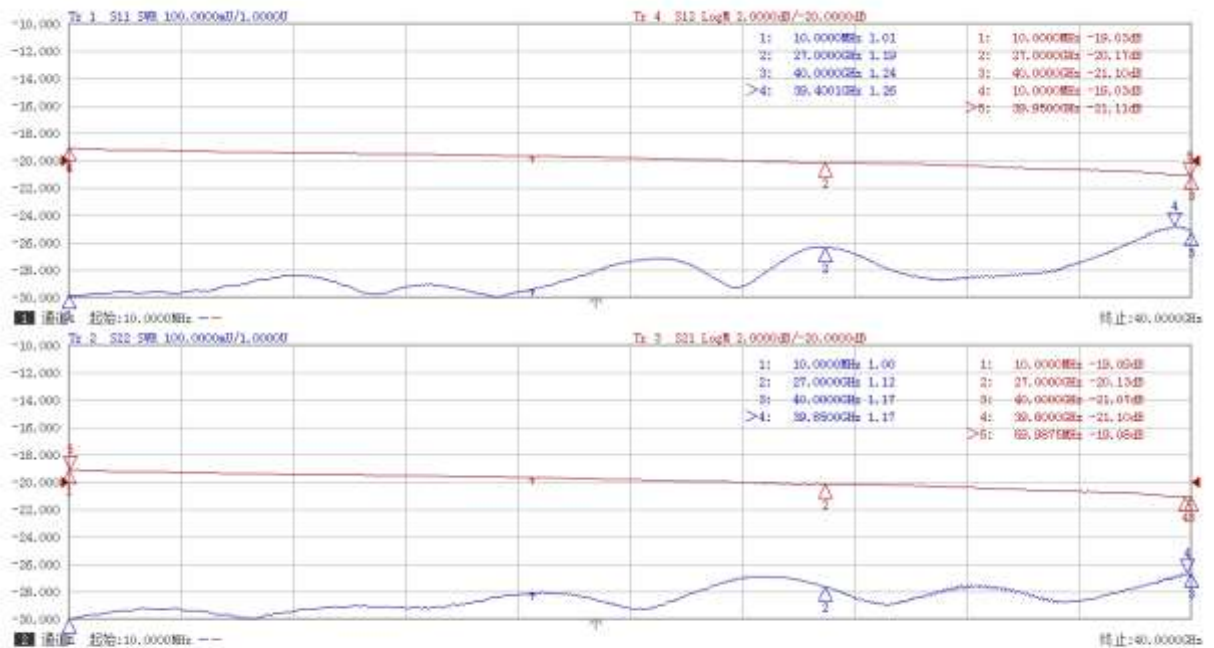
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通道	扫描类型	起始频率	终止频率	扫描点数	中频带宽 (Hz)	扫描时间 (s)	端口1,2功率 (dBm)
通道1	线性扫描	0.010000000GHz	40.000000000GHz	801	500	1.489792	-5.0, -5.0
窗口1	光标号	△光标	数据	响应			
轨道1--011	1		10.0000GHz	1.009			
	2		27.0000GHz	1.185			
	3		40.0000GHz	1.240			
	4		39.4001GHz	1.260			
轨道4--012	1		10.0000GHz	-19.033dB			
	2		27.0000GHz	-20.167dB			
	3		40.0000GHz	-21.102dB			
	4		10.0000GHz	-19.033dB			
	5		39.9500GHz	-21.108dB			
窗口2	光标号	△光标	数据	响应			
轨道2--022	1		10.0000GHz	1.001			
	2		27.0000GHz	1.118			
	3		40.0000GHz	1.167			
	4		39.8500GHz	1.169			
轨道3--021	1		10.0000GHz	-19.087dB			
	2		27.0000GHz	-20.130dB			
	3		40.0000GHz	-21.075dB			
	4		39.8000GHz	-21.104dB			
	5		39.9870GHz	-19.079dB			

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