

Part No:LSJ-DC/18-500W-N Attenuator



Specifications

Item	Specification
Frequency range	DC ~ 18GHz
Impedance (Nominal)	50Ω
Power rating	500 Watt@25°C
Peak Power(5 μs)	5 KW
Attenuation	XdB+/- X dB/max
V.S.W.R (Max)	1.25: 1--1.50
Connector type	N male(Input) – female(Output)
dimension	509*120*110mm
Temperature Range	-55°C~ 85°C
Weight	2.5KG
Colour	Brushed black (matte)
Environmental Specifications	
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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Shock	20G for 11msec half sine wave,3 axis both directions
Mechanical Specifications	
Housing	Aluminum blacken anodize
Connector	Tri-metal plated brass
Female Contact:	gold plated beryllium brass
Male contact	Male contact
Rohs	compliant
Weight	2.5kg
Attenuation accuracy	

Attenuator(dB)	Accuracy $\pm$ dB			
	DC-4G	DC-8G	DC-12.4G	DC-18G
10	+1.5 -0.6	+2.0 -0.5	3.0	6.0
20	1.2	2.0	2.0	5.0
30	1.0	1.1	+2.0 -1.5	+6.0 -0
40	1.0	1.1	1.2	1.25
50	1.0	1.1	1.2	1.25
60	1.0	1.1	1.2	1.25

VSWR	
Frequency	VSWR
DC-4Ghz	1.25
DC-8Ghz	1.3
DC-12.4Ghz	1.35

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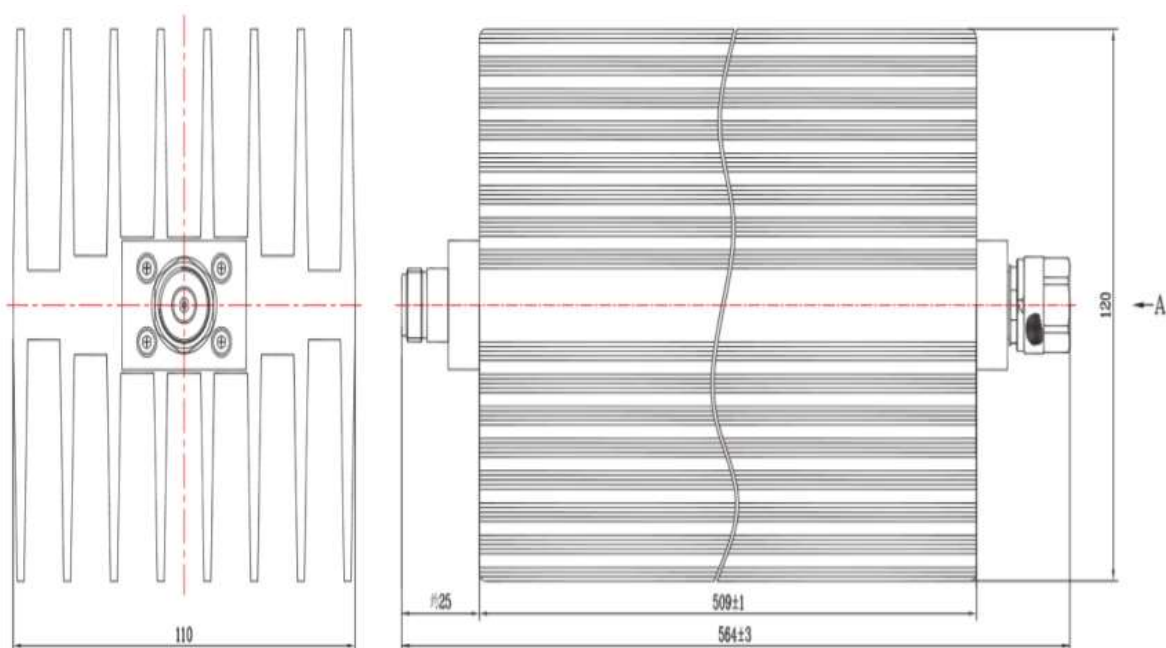
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DC-18Ghz	1.5
Outline drawing	

All Dimensions in mm

All Connectors:N-F、N-M

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



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