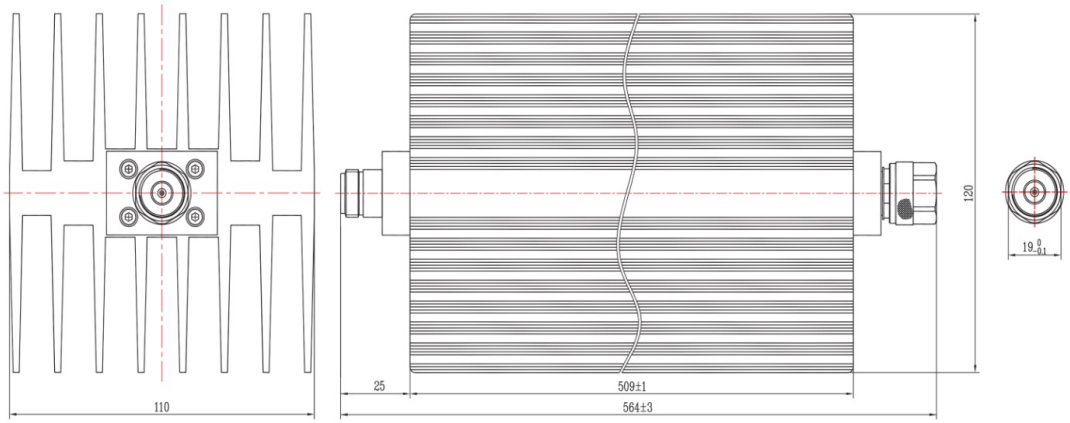
V1.0-2024115

N Coaxial Fixed Attenuator, R6N500UA-XX
DC-6GHz, 500W, 10-60dB, Unidirectional, Rectangular

Dimensions(mm) Tolerance±1%



Typical Value
RFTOP P/N
R6N500UA-10
R6N500UA-20
R6N500UA-30
R6N500UA-40
R6N500UA-50
R6N500UA-60

Electrical & Environmental

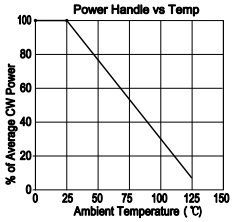
Frequency Range	DC-6GHz	**Impedance**	50 ohm	**VSWR**	1.25 max
Input Avg Power	500W @25℃	**Peak Power**	5kW (5μsec pulse width, 2% duty cycle)		
Temp Coefficient	<0.0004 dB/dB/℃	**Attenuation**	10-60dB，Customizable		
Direction	Unidirectional,N male input to N female output				

Mechanical & Product Information

Product Number	R6N500UA-XX, Professional	**Connector**	N
Connector Body	Ternary alloy plated brass	**Heat Sink**	Black anodized aluminum
Center Contact	Gold plated brass，Gold plated beryllium copper		
Operating Temp	-55℃~+100℃	**Net Weight**	About 6.8kg

Attenuation&Accuracy(DC-6GHz)

Attenuation(dB)	3	10	20	30	40	50/60
Accuracy(dB)	+3.0	±2.0	±2.0	±1.1	±1.1	±1.1

Notes

1. To maintain best performance, recommended to use fan to keep the case temp under 85°C.
2. Refer to the derating curve for power input,derate linearly to 50 W at 100°C.
3. Always pay attention to the direction of attenuators and note IN/OUT markings.
4. Customized dB values,outlines and optimal accuracy & VSWR available.