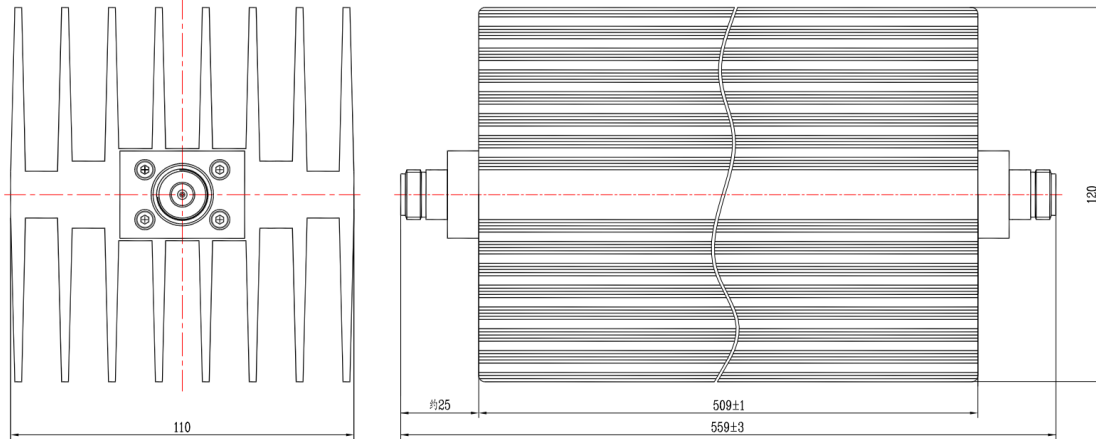




N Coaxial Fixed Attenuator, R6N500FFUA-XX DC-6GHz, 500W, 10-60dB, Unidirectional, Rectangular

Dimensions(mm) Tolerance±1%



Electrical & Environmental

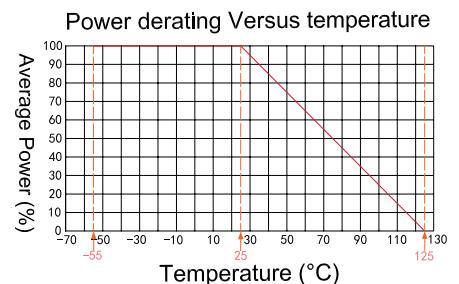
Frequency Range	DC-6GHz , 500hms
VSWR	1.3 Max
Input Avg Power	500W @25°C
Peak Power	1kW (5μsec pulse width, 10% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Unidirectional, N female input to N female output
Attenuation	10-60dB
Operating Temp	-55°C~+125°C

Product Selection, Customizable		
RFTOP P/N	ATTEN	Accuracy
R6N500FFUA-6	6 dB	±2.5 dB
R6N500FFUA-10	10 dB	±2.5 dB
R6N500FFUA-20	20 dB	±2.5 dB
R6N500FFUA-30	30 dB	±1.1 dB
R6N500FFUA-40	40 dB	±1.1 dB
R6N500FFUA-50	50 dB	±1.1 dB
R6N500FFUA-60	60 dB	±1.1 dB

Mechanical & Product Information

Product Number	R6N500FFUA-XX
Product Type	Coaxial Fixed Attenuator, P-Grade
Connector	N female, N female
Connector Body	Ternary alloy plated brass
Center Contact	Gold plated beryllium copper
Heat Sink	Black anodized aluminum
Net Weight	About 6.8kg

Notes: Pay attention to input/output. To ensure longevity and performance, do not use at full power for a long time. Peak power, pulse width, and duty cycle need to meet the requirements. Input high power, require heat dissipation, maintain temperature within 80°C. Reference Curve, derate linearly to 50W at 100°C.



1. Customized connectors, dimensions, directionality, PIM, dB values.
2. Refer to the RFTOP attenuator selection and usage guide.

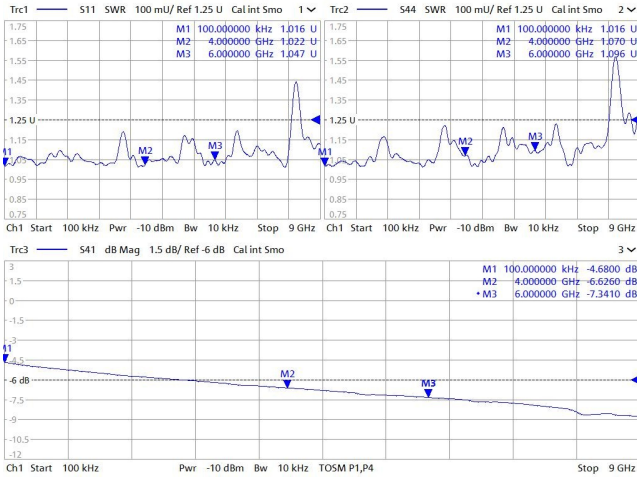


N Coaxial Fixed Attenuator, R6N500FFUA-XX

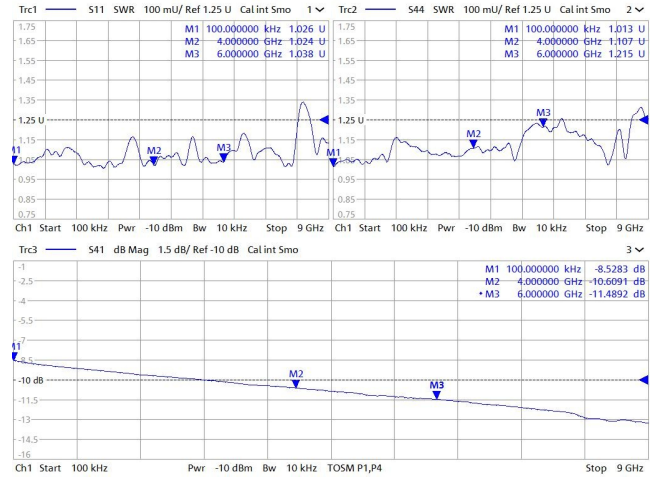
DC-6GHz, 500W, 10-60dB, Unidirectional, Rectangular

Typical Test Data

6dB



10dB



50dB

