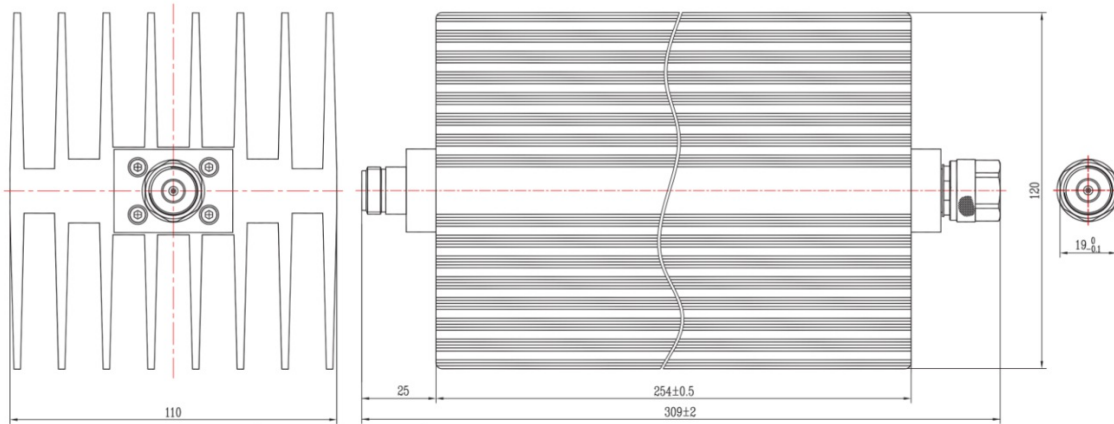




N Coaxial Fixed Attenuator, **R12N250UA-XX** DC-12.4GHz, 250W, 10-60dB, Unidirectional, Rectangular

Dimensions(mm) Tolerance±1%



Electrical & Environmental

| | |
|-------------------------|---|
| Frequency Range | DC-12.4GHz , 50Ohms |
| VSWR | 1.35 Max |
| Input Avg Power | 250W @25°C |
| Peak Power | 1kW (5μsec pulse width, 10% duty cycle) |
| Temp Coefficient | <0.0004 dB/dB/°C |
| Direction | Unidirectional, N male input to N female output |
| Attenuation | 10-60dB |
| Operating Temp | -55°C~+100°C |

Product Selection, Customizable

| RFTOP P/N | Values | Accuracy |
|--------------|--------|----------|
| R12N250UA-10 | 10dB | ±2.5dB |
| R12N250UA-20 | 20dB | ±0.9dB |
| R12N250UA-30 | 30dB | ±1.0dB |
| R12N250UA-40 | 40dB | ±1.1dB |
| R12N250UA-50 | 50dB | ±1.1dB |
| R12N250UA-60 | 60dB | ±1.1dB |

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 25W at 100°C.

Mechanical & Product Information

| | |
|-----------------------|---|
| Product Number | R12N250UA-XX |
| Product Type | Coaxial Fixed Attenuator, P-Grade |
| Connector | N male, N female |
| Connector Body | Ternary alloy plated brass |
| Center Contact | Gold plated brass, Gold plated beryllium copper |
| Heat Sink | Black anodized aluminum |
| Net Weight | About 3.6kg |

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

