

100W Coaxial Attenuator DC-12.4GHz

Application

► Wireless communication system.

► Testing and measuring equipment.

► Radar and satellite systems.

► Military, Space and Commercial applications.

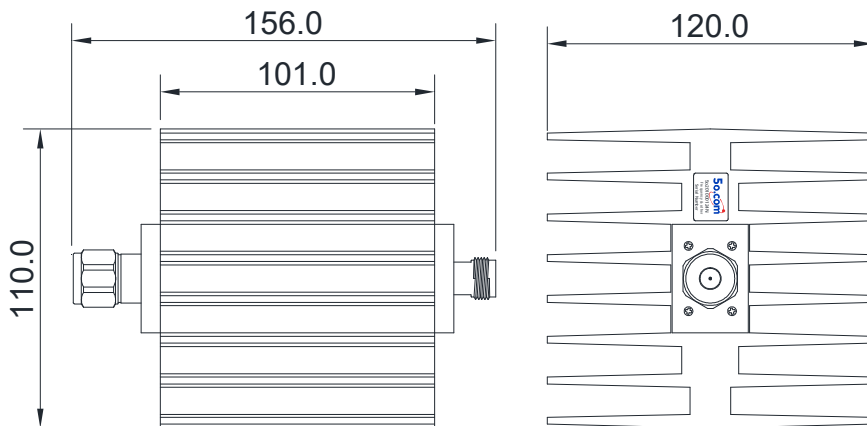
RF Characteristics

Part Number	Frequency range	Power	Attenuation Value	Attenuation Tolerance	VSWR Max
5o201000124N6	DC-4GHz	100W	6 dB	±0.7 dB	1.2
	4 ~ 8GHz			±0.8 dB	1.25
	8 ~ 12.4GHz			±0.9 dB	1.35
5o201000124N10	DC-4GHz		10 dB	±0.7 dB	1.2
	4 ~ 8GHz			±0.8 dB	1.25
	8 ~ 12.4GHz			±0.9 dB	1.35
5o201000124N20	DC-4GHz		20 dB	±0.7 dB	1.2
	4 ~ 8GHz			±0.8 dB	1.25
	8 ~ 12.4GHz			±0.9 dB	1.35
5o201000124N30	DC-4GHz		30 dB	±0.8 dB	1.2
	4 ~ 8GHz			±0.9 dB	1.25
	8 ~ 12.4GHz			±1.0 dB	1.35
5o201000124N40	DC-4GHz		40 dB	±0.8 dB	1.2
	4 ~ 8GHz			±0.9 dB	1.25
	8 ~ 12.4GHz			±1.0 dB	1.35
5o201000124N50	DC-4GHz		50 dB	±1.0 dB	1.2
	4 ~ 8GHz			±1.0 dB	1.25
	8 ~ 12.4GHz			±1.1 dB	1.35
5o201000124N60	DC-4GHz		60 dB	±1.0 dB	1.2
	4 ~ 8GHz			±1.0 dB	1.25
	8 ~ 12.4GHz			±1.1 dB	1.35

Basic Specifications

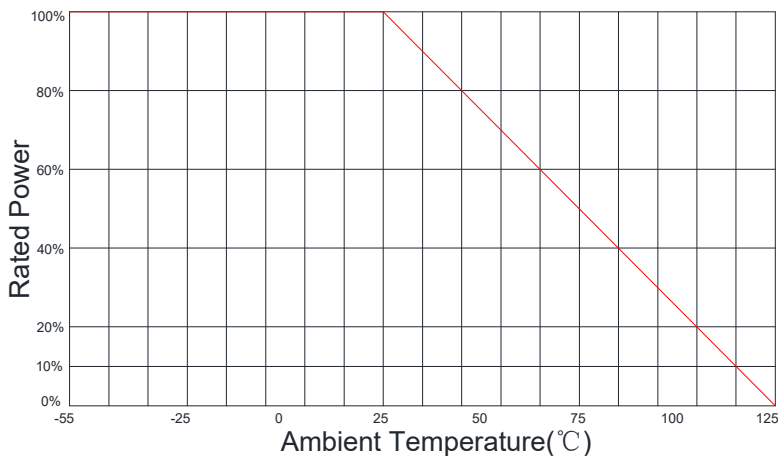
Impedance	50Ω	Connector Type	N Male to Female
Power	100W	Storage Temperature	-55~+125°C

Overall Dimension(mm)



Tolerances: $\pm 2\%$ unless otherwise stated.

Power Derating Diagram



Notes

- ◆ Coaxial attenuator impedance matched to 50Ω.
- ◆ If necessary, the product shall be air-cooled for auxiliary heat dissipation.
- ◆ For products with a power of over 50W, pay attention to the direction during use and strictly avoid reverse connection.
- ◆ Custom design is available upon request.
- ◆ It supports a one-year standard warranty.