

# 100W 8GHz – Coaxial Attenuator

## Design Features

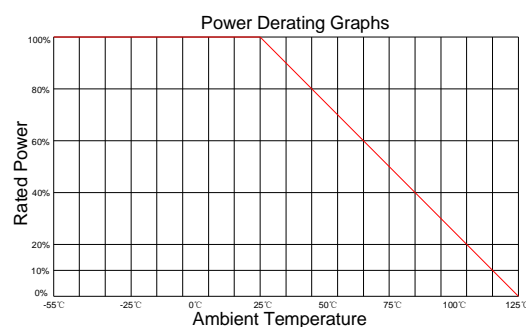
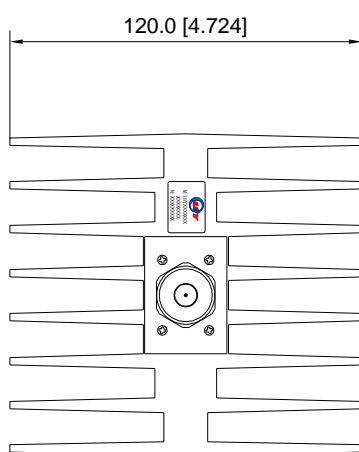
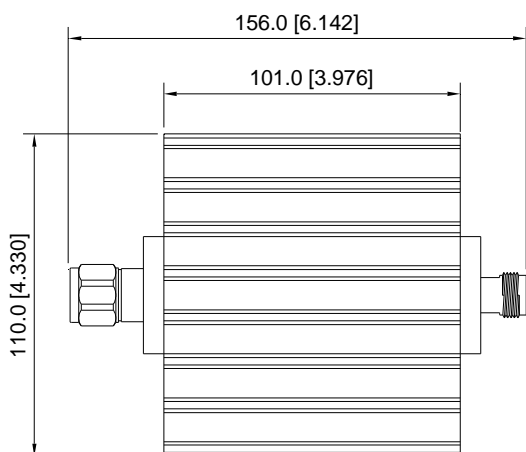
- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Support one year standard warranty.

## RF Characteristics

Model Number	Attenuation Value	Freq. Range	VSWR Max	Attenuation Tolerance	Power	Connector Type	Impedance
UIYCA100AN8A6	6 dB	DC-4GHz	1.2	±0.7 dB	100W	N-M / N-F	50 Ω
		4 ~ 8GHz	1.25	±0.8 dB			
UIYCA100AN8A10	10 dB	DC-4GHz	1.2	±0.7 dB	100W	N-M / N-F	50 Ω
		4 ~ 8GHz	1.25	±0.8 dB			
UIYCA100AN8A20	20 dB	DC-4GHz	1.2	±0.7 dB	100W	N-M / N-F	50 Ω
		4 ~ 8GHz	1.25	±0.8 dB			
UIYCA100AN8A30	30 dB	DC-4GHz	1.2	±0.8 dB	100W	N-M / N-F	50 Ω
		4 ~ 8GHz	1.25	±0.9 dB			
UIYCA100AN8A40	40 dB	DC-4GHz	1.2	±0.8 dB	100W	N-M / N-F	50 Ω
		4 ~ 8GHz	1.25	±0.9 dB			
UIYCA100AN8A50	50 dB	DC-4GHz	1.2	±1.0 dB	100W	N-M / N-F	50 Ω
		4 ~ 8GHz	1.25	±1.0 dB			
UIYCA100AN8A60	60 dB	DC-4GHz	1.2	±1.0 dB	100W	N-M / N-F	50 Ω
		4 ~ 8GHz	1.25	±1.0 dB			

- <sup>2</sup> Listed are specific frequency ranges and tailor-made ranges are available.  
<sup>2</sup> Please provide the information below when inquiring and mark \* is required.  
 \* 1. Power handling, Attenuation Value  
 2. Connect type (SMA Male/ Female, N Male/ Female, etc.)  
 3. Other special requests (VSWR, Temperature, Dimension, etc.)

## Mechanical Drawing



Unit: mm/ inch, General part tolerance is ±2% unless otherwise stated.

Ver. 5.1

No. 8, Lane 1, Xintun East Zone, Longgang District, Shenzhen 518172, China.

Web: [www.uiy.com](http://www.uiy.com)

Tel: +86-755-83748888 +86-755-25999990

Fax: +86-755-25999959

E-mail: [sales@uiy.com](mailto:sales@uiy.com)