

# 500W – 18GHz Coaxial Attenuator

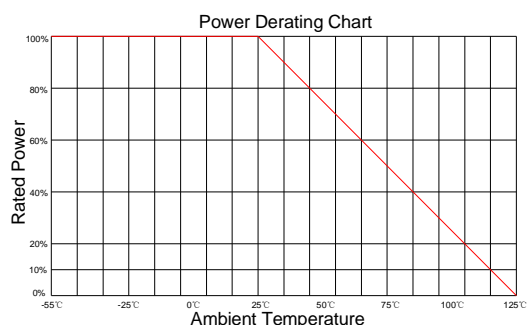
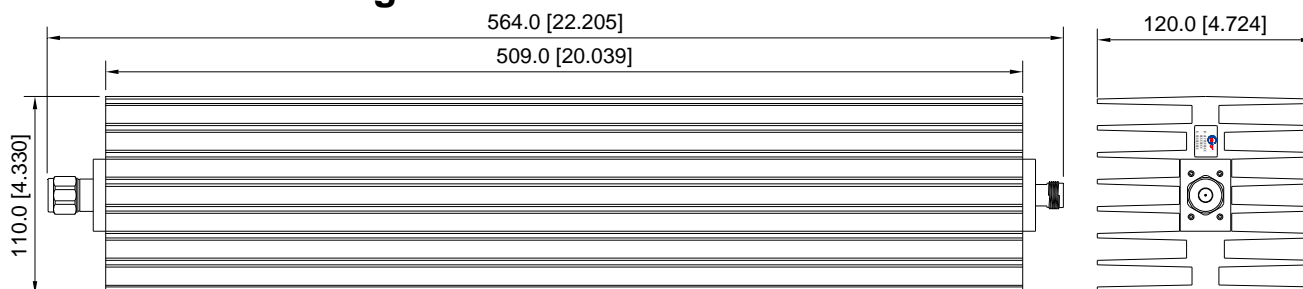
## Design Features

- ◆ 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	Freq. Range	Power	Attenuation Value	Attenuation Tolerance	VSWR Max	Connector Type	Impedance
UIYCA500AN6A10	DC-6GHz	500W	10 dB	+2dB, -0.5dB	1.3	N-M to N-F	50 Ω
UIYCA500AN6A20		500W	20 dB	±2.0 dB	1.3		50 Ω
UIYCA500AN6A30		500W	30 dB	±1.1 dB	1.3		50 Ω
UIYCA500AN6A40		500W	40 dB	±1.1 dB	1.3		50 Ω
UIYCA500AN6A50		500W	50 dB	±1.1 dB	1.3		50 Ω
UIYCA500AN6A60		500W	60 dB	±1.1 dB	1.3		50 Ω
UIYCA500AN8A10	DC-8GHz	500W	10 dB	+2dB, -0.5dB	1.3	N-M to N-F	50 Ω
UIYCA500AN8A20		500W	20 dB	±2.0 dB	1.3		50 Ω
UIYCA500AN8A30		500W	30 dB	±1.1 dB	1.3		50 Ω
UIYCA500AN8A40		500W	40 dB	±1.1 dB	1.3		50 Ω
UIYCA500AN8A50		500W	50 dB	±1.1 dB	1.3		50 Ω
UIYCA500AN8A60		500W	60 dB	±1.1 dB	1.3		50 Ω
UIYCA500AN12A10	DC-12.4GHz	500W	10 dB	±4.0 dB	1.35	N-M to N-F	50 Ω
UIYCA500AN12A20		500W	20 dB	±2.0 dB	1.35		50 Ω
UIYCA500AN12A30		500W	30 dB	±2.0 dB	1.35		50 Ω
UIYCA500AN12A40		500W	40 dB	±1.2 dB	1.35		50 Ω
UIYCA500AN12A50		500W	50 dB	±1.2 dB	1.35		50 Ω
UIYCA500AN12A60		500W	60 dB	±1.2 dB	1.35		50 Ω
UIYCA500AN18A10	DC-18GHz	500W	10 dB	±6.0 dB	1.5	N-M to N-F	50 Ω
UIYCA500AN18A20		500W	20 dB	±5.0 dB	1.5		50 Ω
UIYCA500AN18A30		500W	30 dB	+6dB, -0dB	1.5		50 Ω
UIYCA500AN18A40		500W	40 dB	±1.5 dB	1.5		50 Ω
UIYCA500AN18A50		500W	50 dB	±1.5 dB	1.5		50 Ω
UIYCA500AN18A60		500W	60 dB	±1.5 dB	1.5		50 Ω

## Mechanical Drawing



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