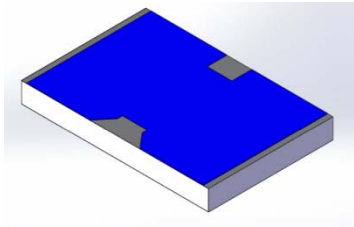


# Attenuator, Chip

Frequency Range: DC to 2.3 GHz, Power: 150 Watts



## Features

- Thin/Thick Film Resistor
- High Power

2KNA150 series Attenuators are designed on Aluminum Nitride material and offers low VSWR performance at high power. These easy to install, surface mount Attenuators can be used in mobile networks, broadcast and high power amplifiers. Perfect for military and commercial applications.

## Technical Specifications

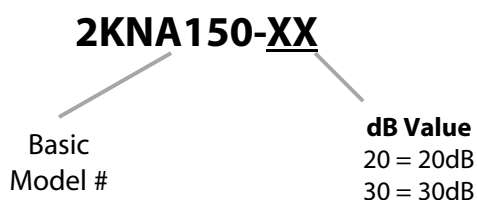
Parameter	Value
Frequency Range	DC to 2.3 GHz
Standard dB Values	20 & 30 dB
Atten. Accuracy	<u>DC - 1</u> <u>1 - 2.3 GHz</u>
20 dB	±0.5 dB      ±0.5 dB
30 dB	±1.0 dB      ±1.5 dB
Impedance	50 Ohms
Power Handling*	150 Watts Max.
VSWR (Input)	<u>DC - 1</u> <u>1 - 2.3 GHz</u>
20 dB	1.25:1 Max      1.25:1 Max.
30 dB	1.25:1 Max      1.35:1 Max.
VSWR (Output)	1.25:1 Max.
Operating Temp Range	-55°C to +150°C

## Material

Feature	Material
Substrate	Aluminum Nitride
Resistor Material	Proprietary Thin & Thick Film
Finish	Silver

\*Mounting surfaces shall not exceed 100°C. Max.

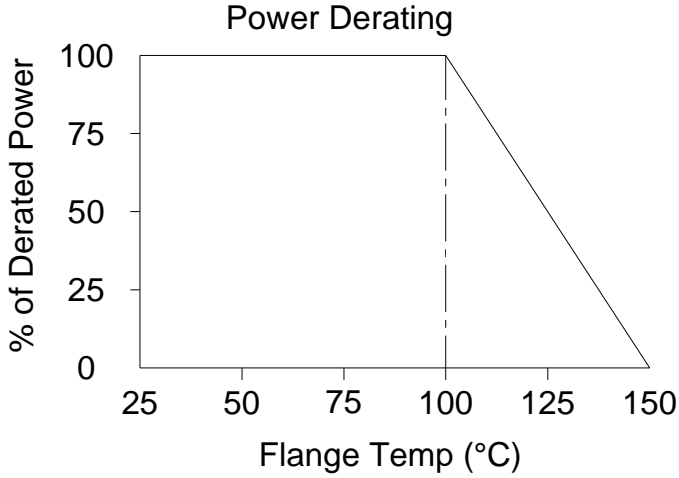
## How to Order



## Ordering Examples

Model Number: 2KNA150-20  
20 dB

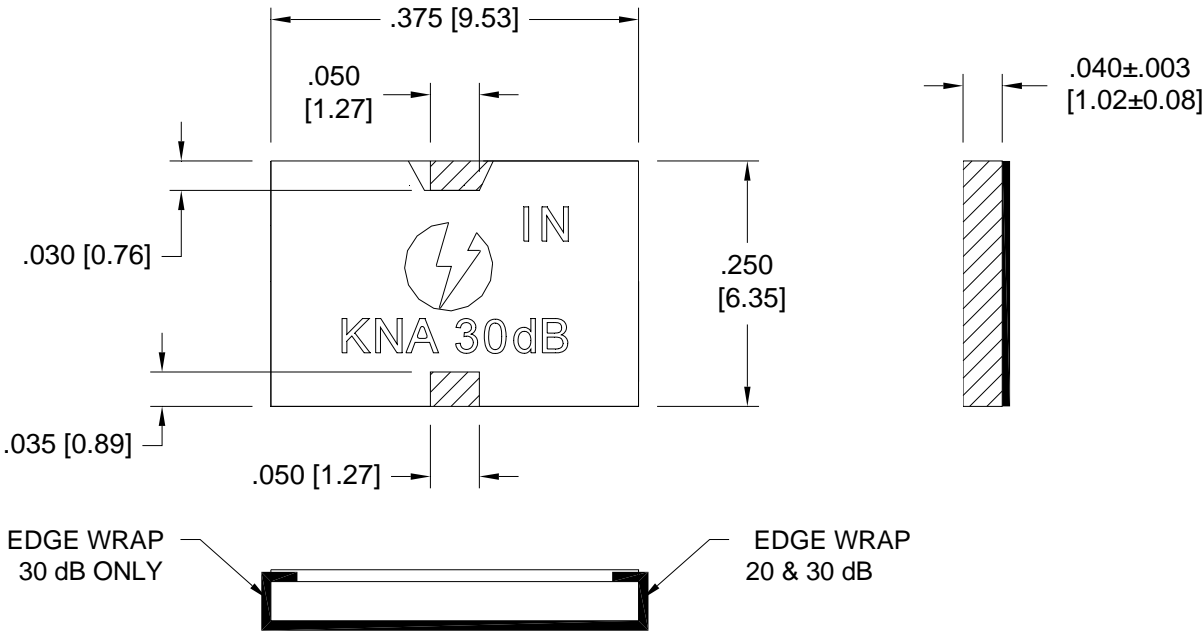
Performance Characteristics



Physical Dimensions

Model Number: 2KNA150-30 shown

Tolerance: .XXX" - ±.010"



Dimensions are for substrate only and do not include terminal thickness or optional tinning thickness.

Note: Dimensions in Brackets [ ] are expressed in Millimeters and are for reference only