

Part No:

# HA3A2-09



**HASCO, INC**  
COMPONENTS DISTRIBUTOR



*9 dB - Fixed Attenuator SMA Male To SMA Female Up To 3 GHz  
Rated To 2 Watts with Gold Plated Brass Body*

## Electrical

- Frequency Range DC - 3 GHz
- VSWR DC - 3 GHz ..... 1.20:1
- Impedance 50 Ohms
- Power 2 Watt
- Power Peak 100 Watts  
0.1% Duty Cycle or 500 Watts  
10mSec PW, 0.01 Duty Cycle

## Environmental Data

- Temperature Range -10°C - +65°C

## Material

- Body Gold Plated Brass
- Hex-Nut Gold Plated Brass
- Center Contact Female - Gold Plated BeCu  
Male - Gold Plated Brass
- Resistive Element RuO2 Thick Film
- Substrate High Alumina

**dB Value	PART NO.	ATTENUATION
1	HA3A2-01	± 0.4
2	HA3A2-02	± 0.4
3	HA3A2-03	± 0.5
4	HA3A2-04	± 0.5
5	HA3A2-05	± 0.5
6	HA3A2-06	± 0.5
7	HA3A2-07	± 0.5
8	HA3A2-08	± 0.5
9	HA3A2-09	± 0.5
10	HA3A2-10	± 0.6
15	HA3A2-15	± 0.7
20	HA3A2-20	± 0.7
30	HA3A2-30	± 0.8

The HASCO Fixed Attenuator **HA3A2-09** is rated to 2 Watts and operates from DC to 3 GHz. The versatile coaxial package uses SMA male to SMA female connectors.

The HA3A2-09 is RoHS compliant.



RF microwave attenuators (also known as RF pads) lower the amplitude of a signal (attenuate) a known amount and can be used in a wide variety of applications. These attenuator pads are used when a signal needs to be reduced to protect measurement equipment or other circuitry, to extend the range of power meters and amplifiers, and to impedance match circuits by reducing the VSWR seen by adjacent components. RF attenuators can prevent signal overload in amplifiers, receivers and detectors, adjusting the signal level to a range that is optimal.

To view online, go to: [9 dB - Fixed Attenuator SMA Male To SMA Female Up To 3 GHz Rated To 2 Watts With Gold Plated Brass Body](#)