


Part No:

HA40A2-XX



2.92mm Male to 2.92mm Female Fixed Attenuator, 2 Watt - 40 GHz

Features

- RoHS Compliant 

The HASCO Fixed Attenuator HA40A2-XX is rated to 2 Watts and operates from DC to 40 GHz. The versatile coaxial package uses 2.92 mm male to 2.92 mm female connectors.

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.

Electrical

- Impedance 50 Ω
- Frequency Range DC - 40 GHz
- VSWR DC to 18 GHz - 1.30:1 Max
18 to 40 GHz - 1.40:1 Max
- Power (avg) 2 Watt @ 25°C
Derates linearly to 10% at 125°C
- Attenuation Accuracy See Table

Environmental

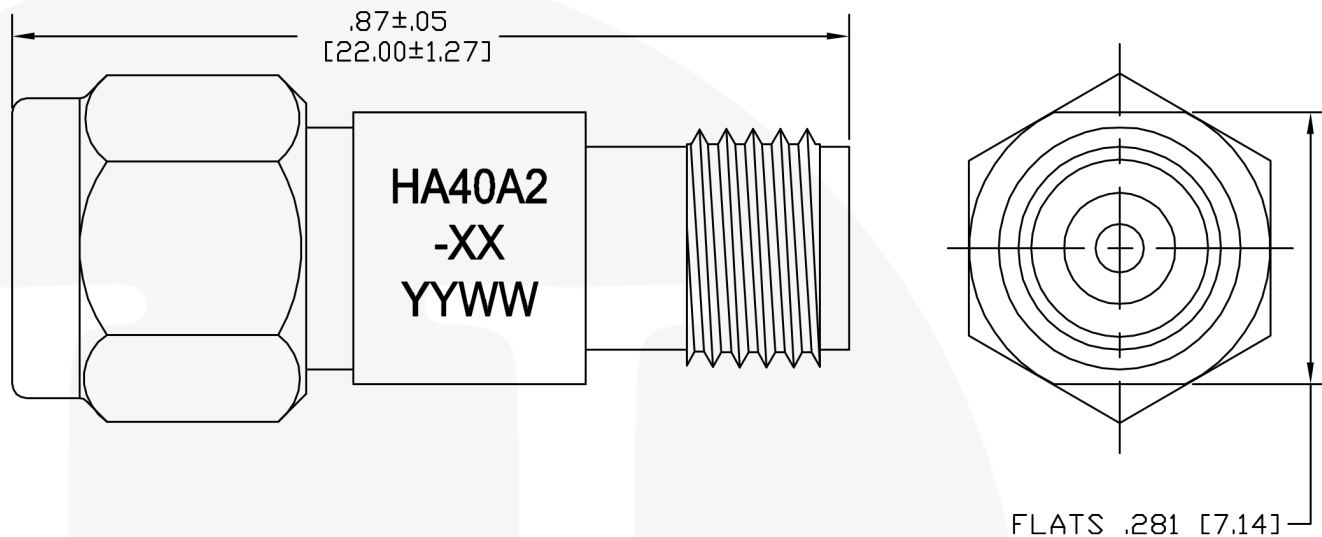
- Temperature Range -55°C to 125°C


Material

- Body Passivated Stainless Steel
IAW ASTM-A484 &
ASTM-A582, Alloy 303, Cond A
- Center Contact Gold plated BeCu
IAW MIL-PRF-39012
- Dielectric High Temp Plastic Bead

dB Value	Part Number	Attenuation Accuracy	
		DC-26.5 GHz	26.5-40 GHz
1	HA40A2-01	±0.5 dB	±0.8 dB
2	HA40A2-02	±0.5 dB	±0.8 dB
3	HA40A2-03	±0.5 dB	±0.8 dB
4	HA40A2-04	±0.5 dB	±0.8 dB
5	HA40A2-05	±0.5 dB	±0.8 dB
6	HA40A2-06	±0.5 dB	±0.8 dB
7	HA40A2-07	±0.5 dB	±0.8 dB
8	HA40A2-08	±0.5 dB	±0.8 dB
9	HA40A2-09	±0.5 dB	±0.8 dB
10	HA40A2-10	±0.6 dB	±1.0 dB
20	HA40A2-20	±0.6 dB	±1.0 dB
30	HA40A2-30	±0.8 dB	±1.0 dB

2.92mm Male to 2.92mm Female Fixed Attenuator, 2 Watt | DC - 40 GHz | Outline Drawing



LTR	DESCRIPTION	DATE	APPR.	DRAWN BY: NS	REVIEWED BY: JS	 <p>5214 Bonsai Avenue • Moorpark, CA 93021 (888) 498-3242 • sales@hasco-inc.com www.hasco-inc.com</p>		
-	RELEASE	12/16	TC		APPROVED BY: TC			
A	SPEC UPDATE	11/24	TC	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF HASCO COMPONENTS AND SHALL NOT BE REPRODUCED, COPIED NOR USED - IN WHOLE OR IN PART - AS THE BASIS FOR THE MANUFACTURE OR SALE OF OTHER ITEMS WITHOUT THE EXPRESS, WRITTEN PERMISSION OF HASCO COMPONENTS.				
					MATERIALS: SEE DATA SHEET	CAGE CODE: 0T8L4	SCALE: N/A	SIZE: A
					FINISHES: SEE DATA SHEET	PART NO./DRAWING NO. HA40A2-XX		REV: A
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