

Model 4W Hex Body Attenuators

dc to 4.0 GHz
2 Watts

Low Cost, SMA Connectors



Features

- /// **Subminiature** - These attenuators offer the smallest package size with broadband frequency response, and attenuation values from 1 to 10, 20 & 30 dB.
- /// **Low Cost**
- /// **Wireless Applications** - Optimized for use in the wireless communications bands.

Specifications

NOMINAL IMPEDANCE: 50 Ω

FREQUENCY RANGE: dc to 4.0 GHz

MAXIMUM DEVIATION OVER FREQUENCY:

Nominal ATTN (dB)	Deviation (dB)
1-6	± 0.30
7-10, 20	± 0.50
30	± 0.75

MAXIMUM SWR:

Frequency (GHz)	SWR
dc - 4.0	1.15

POWER RATING: 2 watts **average** to 25°C ambient temperature, derated linearly to 0.5 watts @ 125°C. 250 watts **peak** (5 μ sec pulse width; 0.4% duty cycle).

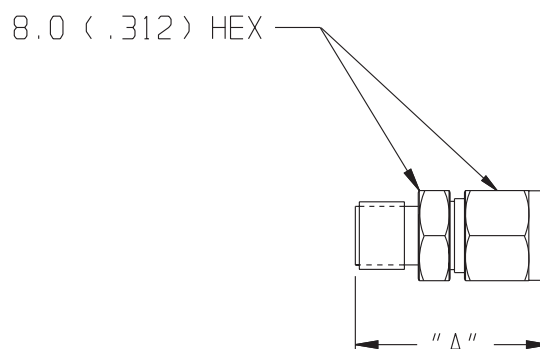
TEMPERATURE RANGE: -55°C to +125°C

CONNECTORS: SMA connectors per MIL-STD-348 interface dimensions mate nondestructively with MIL-C-39012 connectors.

CONSTRUCTION: Passivated Stainless steel body and connectors; gold plated beryllium copper contacts.

WEIGHT: 5.6 g (0.2 oz) maximum

PHYSICAL DIMENSIONS:



dB VALUE	DIM A
1 - 10	17.78 ± 0.51 (0.70 ± 0.020)
20, 30	21.08 ± 0.51 (0.83 ± 0.020)

NOTE: All dimensions are given in mm (inches) and are maximum, unless otherwise specified.

MODEL NUMBER DESCRIPTION:

Example:

4W - XX

Basic Model Number Attenuation Value (dB)