

# ATTEN-SMSF-9

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Inline Attenuator, SMA-m/SMA-f, 9 dB

## Product Classification

**Product Type** Coax attenuator

## Electrical Specifications

**Attenuation** 9.0 dB  
**Attenuation Tolerance**  $\pm 0.5$  dB  
**Impedance** 50 ohm  
**Input Power, PEP, maximum** 100 W  
**Input Power, RMS, maximum** 2 W  
**Operating Frequency Band** DC – 3000 MHz  
**Return Loss, minimum** 20.00 dB

## Mechanical Specifications

**Connector Interface** SMA Female | SMA Male  
**Dielectric Material** PTFE  
**Inner Contact Plating** Gold  
**Material Type, Body** Brass  
**Outer Contact Plating** Gold  
**Plating** Gold

## Environmental Specifications

**Operating Temperature** -40 °C to +100 °C (-40 °F to +212 °F)

## Dimensions

**Diameter** 10.0 mm | 0.4 in  
**Length** 30.0 mm | 1.2 in  
**Weight** 8.0 g | 0.0 lb

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## Outline Drawing

