# Inline Attenuator, SMA-m/SMA-f, 20 dB

## Product Classification

| Product Type          | Coax attenuator |

## General Specifications

<table>
<thead>
<tr>
<th>Connector Interface</th>
<th>SMA Female</th>
<th>SMA Male</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outer Contact Plating</td>
<td>Gold</td>
<td>Gold</td>
</tr>
<tr>
<td>Plating</td>
<td>Gold</td>
<td></td>
</tr>
</tbody>
</table>

## Dimensions

| Length     | 30 mm | 1.181 in |
| Diameter   | 10 mm | 0.394 in |
Outline Drawing

Electrical Specifications

- Input Power, PEP, maximum: 100 W
- Input Power, RMS, maximum: 2 W
- Return Loss, minimum: 20 dB
- Attenuation: 20 dB
- Attenuation Tolerance: ±0.5 dB
- Impedance: 50 ohm
- Operating Frequency Band: DC – 3000 MHz

Material Specifications

- Dielectric Material: PTFE
- Material Type: Brass
- Inner Contact Plating: Gold

Environmental Specifications

- Operating Temperature: -30 °C to +80 °C (-22 °F to +176 °F)

Packaging and Weights

- Weight, net: 8 g | 0.018 lb