63 dB With 6 Bit Programmable Attenuator, SMA Female to SMA Female, 1 dB Steps Rated to 0.5 Watts Up to 1,000 MHz

TECHNICAL DATA SHEET

**Electrical Specifications** (Values at 25°C, sea level)

<table>
<thead>
<tr>
<th>Description</th>
<th>Minimum</th>
<th>Typical</th>
<th>Maximum</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Range</td>
<td>DC</td>
<td>1,000</td>
<td>MHz</td>
<td></td>
</tr>
<tr>
<td>Mean Attenuation Range</td>
<td>0</td>
<td>63</td>
<td>dB</td>
<td></td>
</tr>
<tr>
<td>Insertion Loss</td>
<td></td>
<td>2.2</td>
<td>dB</td>
<td></td>
</tr>
<tr>
<td>Input VSWR</td>
<td></td>
<td>1.4:1</td>
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<td></td>
</tr>
<tr>
<td>Power Rating</td>
<td></td>
<td>+27</td>
<td>dBm</td>
<td></td>
</tr>
<tr>
<td>Step Size</td>
<td>1</td>
<td></td>
<td>dB</td>
<td></td>
</tr>
<tr>
<td>Switching Time</td>
<td>15</td>
<td></td>
<td>ms</td>
<td></td>
</tr>
</tbody>
</table>

**Mechanical Specifications**

- **Size**
  - Length: 4.13 in [104.9 mm]
  - Width: 1.86 in [47.24 mm]
  - Height: 0.97 in [24.64 mm]
  - Weight: 0.158 lbs [71.67 g]
- Connector 1: SMA Female
- Connector 2: SMA Female

**Environmental Specifications**

- **Temperature**
  - Operating Range: -20 to +60 deg C

**Compliance Certifications** (visit www.Pasternack.com for current document)

- Not RoHS Compliant
- REACH Compliant: 12/17/2014

**Plotted and Other Data**

- **Notes:**
  - Values at +25 °C, sea level

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 63 dB With 6 Bit Programmable Attenuator, SMA Female to SMA Female, 1 dB Steps Rated to 0.5 Watts Up to 1,000 MHz PE7011-6A
63 dB With 6 Bit Programmable Attenuator, SMA Female to SMA Female, 1 dB Steps Rated to 0.5 Watts Up to 1,000 MHz

TECHNICAL DATA SHEET

63 dB With 6 Bit Programmable Attenuator, SMA Female to SMA Female, 1 dB Steps Rated to 0.5 Watts Up to 1,000 MHz from Pasternack Enterprises has same day shipment for domestic and international orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 63 dB With 6 Bit Programmable Attenuator, SMA Female to SMA Female, 1 dB Steps Rated to 0.5 Watts Up to 1,000 MHz PE7011-6A

URL: https://www.pasternack.com/63db-programmable-sma-female-sma-female-0.5-watts-attenuator-pe7011-6a-p.aspx

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.
63 dB With 6 Bit Programmable Attenuator, SMA Female to SMA Female, 1 dB Steps Rated to 0.5 Watts Up to 1,000 MHz

PASTERNACK
PE7011-6A
PROGRAMMABLE ATTENUATOR
DC TO 1,000 MHZ

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].