Platinum Series Terminations & Attenuators

- Platinum Series Attenuators & Terminations for Test & Measurement applications
  - Precision models with excellent RF performance
  - Comprehensive offer up to 40 GHz with broad choice of connector interfaces
  - Full integration in Radiall Test & Measurement offer
Test & Measurement Applications

• Instrumentation applications include all types of Radio Frequency Tests & Measurement
• Platinum Attenuators & Terminations can be integrated in:
  • Commutation Matrices
  • Bench Tests
  • RF Laboratories
  • Automatic Test Equipments
Terminations
Platinum Series
## Terminations up to 2W Platinum Series (1/3)

<table>
<thead>
<tr>
<th>Connectors</th>
<th>BNC</th>
<th>TNC</th>
<th>N</th>
<th>SMA</th>
<th>SMA 3.5</th>
<th>SMA 2.9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency (GHz)</td>
<td>4</td>
<td>12.4</td>
<td>18</td>
<td>18</td>
<td>26.5</td>
<td>40</td>
</tr>
<tr>
<td>VSWR Max</td>
<td>1.12</td>
<td>1.15</td>
<td></td>
<td></td>
<td>Male: 1.1</td>
<td>Male: 1.18</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Female: 1.12</td>
<td>Female: 1.12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power (W)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1 Watt</td>
<td></td>
</tr>
<tr>
<td>Impedance (Ω)</td>
<td></td>
<td></td>
<td></td>
<td>50 ± 5%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Male & female models available
- Operating temperature: -55 / +125 °C
Terminations up to 2W
Platinum Series (2/3)

- Precision models with high RF performance
  - Excellent VSWR
- Comprehensive offer
  - Range up to 40 GHz
  - Broad choice of connector interfaces: BNC, TNC, Type N, SMA, SMA3.5 & 2.9mm
# Terminations up to 2W Platinum Series (3/3)

<table>
<thead>
<tr>
<th>Part Numbers</th>
<th>Gender</th>
<th>Connector</th>
<th>Frequency (GHz)</th>
<th>Power (W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>R404280150</td>
<td>M</td>
<td>SMA2.9</td>
<td>DC-40</td>
<td>1</td>
</tr>
<tr>
<td>R404285150</td>
<td>F</td>
<td>SMA2.9</td>
<td>DC-40</td>
<td>1</td>
</tr>
<tr>
<td>R404211150</td>
<td>M</td>
<td>SMA3.5</td>
<td>DC-26.5</td>
<td>1</td>
</tr>
<tr>
<td>R404216150</td>
<td>F</td>
<td>SMA3.5</td>
<td>DC-26.5</td>
<td>1</td>
</tr>
<tr>
<td>R404210150</td>
<td>M</td>
<td>SMA</td>
<td>DC-18</td>
<td>1</td>
</tr>
<tr>
<td>R404215150</td>
<td>F</td>
<td>SMA</td>
<td>DC-18</td>
<td>1</td>
</tr>
<tr>
<td>R404350150</td>
<td>M</td>
<td>Type N</td>
<td>DC-18</td>
<td>1</td>
</tr>
<tr>
<td>R404355150</td>
<td>F</td>
<td>Type N</td>
<td>DC-18</td>
<td>1</td>
</tr>
<tr>
<td>R404370150</td>
<td>M</td>
<td>TNC</td>
<td>DC-12.4</td>
<td>1</td>
</tr>
<tr>
<td>R404375150</td>
<td>F</td>
<td>TNC</td>
<td>DC-12.4</td>
<td>1</td>
</tr>
<tr>
<td>R404110150</td>
<td>M</td>
<td>BNC</td>
<td>DC-4</td>
<td>1</td>
</tr>
<tr>
<td>R404115150</td>
<td>F</td>
<td>BNC</td>
<td>DC-4</td>
<td>1</td>
</tr>
</tbody>
</table>
Attenuators
Attenuators up to 2W
Platinum Series (1/3)

<table>
<thead>
<tr>
<th>Frequency (GHz)</th>
<th>BNC</th>
<th>TNC</th>
<th>N</th>
<th>SMA</th>
<th>SMA3.5</th>
<th>SMA2.9</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>12.4</td>
<td>18</td>
<td>22</td>
<td>26.5</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>12.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>26.5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attenuation</td>
<td>up to 30 dB</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power (W)</td>
<td>2 Watts</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>VSWR max</td>
<td>1.15</td>
<td>1.20</td>
<td>1.25</td>
<td>1.30</td>
<td>1.35</td>
<td>1.45</td>
</tr>
<tr>
<td>Impedance</td>
<td>50 ± 5%</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Male to female models
- Operating temperature: - 55 / + 125 ºC
Attenuators up to 2W
Platinum Series (2/3)

• Precision models with high RF performance
  • Excellent VSWR performance
  • Consistent form factor within standard range
  • Outstanding attenuation precision: ± 0,5 dB maximum

• Comprehensive offer
  • Range up to 40 GHz
  • Broad choice of connector interfaces: BNC, TNC, Type N, SMA, SMA3.5 & 2.9mm
## Attenuators up to 2W
### Platinum Series (3/3)

<table>
<thead>
<tr>
<th>Part Numbers</th>
<th>Attenuation Value</th>
<th>Connector</th>
<th>Frequency (GHz)</th>
<th>Type</th>
<th>Power (W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>R4133xx150</td>
<td>xx: 00 up to 30 dB</td>
<td>SMA2.9</td>
<td>DC - 40</td>
<td>M to F</td>
<td>2</td>
</tr>
<tr>
<td>R4132xx150</td>
<td>xx: 00 up to 30 dB</td>
<td>SMA3.5</td>
<td>DC – 26.5</td>
<td>M to F</td>
<td>2</td>
</tr>
<tr>
<td>R4138xx150</td>
<td>xx: 00 up to 30 dB</td>
<td>SMA</td>
<td>DC - 18</td>
<td>M to F</td>
<td>2</td>
</tr>
<tr>
<td>R4147xx150</td>
<td>xx: 00 up to 30 dB</td>
<td>Type N</td>
<td>DC - 18</td>
<td>M to F</td>
<td>2</td>
</tr>
<tr>
<td>R4145xx150</td>
<td>xx: 00 up to 30 dB</td>
<td>TNC</td>
<td>DC – 12.4</td>
<td>M to F</td>
<td>2</td>
</tr>
<tr>
<td>R4144xx150</td>
<td>xx: 00 up to 30 dB</td>
<td>BNC</td>
<td>DC - 4</td>
<td>M to F</td>
<td>2</td>
</tr>
</tbody>
</table>
Radiall Test & Measurement Offer

- Platinum series of Terminations & Attenuators is included in part of the T&M offer which includes:
  - Platinum Coaxial Switches
  - TestPro Cable Assemblies
Quality

• The Radiall factory in Voreppe, FRANCE provides all of our capabilities and quality strengths of manufacturing
  • Exceptional quality
  • Exceptional capability
  • Manufactured from premium materials
  • Manufactured in quality certified production plants

ISO 9001
AS 9100
Quality certified
Safety

- All Radiall products are in accordance with environmental policies and are RoHS compliant
- Radiall’s terminations comply with MIL39030 standard, and are fully tested, approved, and certified by an independent test laboratory, compliant with ISO/IEC 17025
Thank you

Connections

Our most important connection is with you