10 dB Low PIM Attenuator 555–2700 NF-NF

Product Classification

Regional Availability
- Asia
- Australia/New Zealand
- EMEA
- Latin America
- North America

Product Type
- Attenuator

General Specifications

Device Type
- Attenuator

Application
- Indoor/Outdoor

Color
- Silver

Inner Contact Plating
- Silver

Interface
- N Female

Interface 2
- N Female

Outer Contact Plating
- Trimetal

Dimensions

Height
- 89 mm | 3.504 in

Width
- 130 mm | 5.118 in

Length
- 247 mm | 9.724 in

Electrical Specifications

3rd Order IMD
- -160 dBc

3rd Order IMD Test Method
- Two +43 dBm carriers

Return Loss, minimum
- 19 dB

Attenuation
- 10 dB

Attenuation Tolerance
- ±1.0 dB @ 698–2700 MHz | ±2.0 dB @ 555–698 MHz

Average Power, maximum
- 100 W
### Impedance
50 ohm

### Operating Frequency Band
555 – 2700 MHz

### VSWR
1.25

### Environmental Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
<td>-25 °C to +50 °C (-13 °F to +122 °F)</td>
</tr>
<tr>
<td>Relative Humidity</td>
<td>Up to 100%</td>
</tr>
<tr>
<td>Ingress Protection Test Method</td>
<td>IEC 60529:2001, IP65</td>
</tr>
</tbody>
</table>

### Packaging and Weights

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height, packed</td>
<td>105 mm</td>
</tr>
<tr>
<td>Width, packed</td>
<td>135 mm</td>
</tr>
<tr>
<td>Length, packed</td>
<td>270 mm</td>
</tr>
<tr>
<td>Weight, gross</td>
<td>3.29 kg</td>
</tr>
<tr>
<td>Weight, net</td>
<td>3.12 kg</td>
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</tbody>
</table>

### Regulatory Compliance/Certifications

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHINA-ROHS</td>
<td>Below maximum concentration value</td>
</tr>
<tr>
<td>REACH-SVHC</td>
<td>Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a></td>
</tr>
<tr>
<td>ROHS</td>
<td>Compliant</td>
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