6 dB, Tapper, 340 – 6000 MHz

Product Classification

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

Product Type
- Tapper

General Specifications

Device Type
- Tapper

Application
- Indoor/Outdoor

Color
- White

Inner Contact Plating
- Silver

Interface
- 4.3-10 Female

Outer Contact Plating
- Trimetal

Dimensions

Height
- 25 mm | 0.984 in

Width
- 43 mm | 1.693 in

Length
- 141 mm | 5.551 in

Electrical Specifications

3rd Order IMD
- -165 dBc

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

Insertion Loss at Frequency Band
- 1.6 dB @ 1695–2700 MHz | 1.6 dB @ 340–960 MHz | 1.65 dB @ 3500–4500 MHz | 1.65 dB @ 4900–6000 MHz

Return Loss at Frequency Band
- 19.1 dB @ 3500–4500 MHz | 19.1 dB @ 4900–6000 MHz | 20.8 dB @ 1695–2700 MHz | 20.8 dB @ 340–960 MHz

Average Power, maximum
- 300 W

Coupling
- 6 dB

Coupling Tolerance
- +0.1/-1dB @ 4900-6000 MHz | +0.15/-0.45dB @ 698-960 MHz | +0/-1.3dB @ 340-380 MHz | +0/-1.85dB @ 3500-4500 MHz | -0.2/-1.1dB @ 380-520 MHz | ±0.6dB @ 1695-2700 MHz
### Impedance
50 ohm

### Operating Frequency Band
- 1695 – 2700 MHz
- 340 – 960 MHz
- 3500 – 4500 MHz
- 4900 – 6000 MHz

### Peak Power, maximum
3 kW

### Reflected Power, maximum
200 W

### Mechanical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coupling Nut Proof Torque</td>
<td>7 N·m</td>
</tr>
</tbody>
</table>

### Environmental Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Temperature</td>
<td>-35 °C to +85 °C ( -31 °F to +185 °F)</td>
</tr>
<tr>
<td>Relative Humidity</td>
<td>Up to 100%</td>
</tr>
<tr>
<td>Corrosion Test Method</td>
<td>IEC 60068-2-11, 30 days</td>
</tr>
</tbody>
</table>

### Packaging and Weights

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height, packed</td>
<td>40 mm</td>
</tr>
<tr>
<td>Width, packed</td>
<td>90 mm</td>
</tr>
<tr>
<td>Length, packed</td>
<td>180 mm</td>
</tr>
<tr>
<td>Weight, gross</td>
<td>300 g</td>
</tr>
<tr>
<td>Weight, net</td>
<td>250 g</td>
</tr>
</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>ISO 9001:2015</td>
<td>Designed, manufactured and/or distributed under this quality management system</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>
</tr>
<tr>
<td>UK-ROHS</td>
<td>Compliant</td>
</tr>
</tbody>
</table>