20 dB, Tapper, 340 – 6000 MHz

### General Specifications

**Device Type**
- Tapper

**Application**
- Indoor/Outdoor

**Color**
- White

**Inner Contact Plating**
- Silver

**Interface**
- N Female

**Outer Contact Plating**
- Trimetal

### Dimensions

<table>
<thead>
<tr>
<th></th>
<th>Height</th>
<th>Width</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>25 mm</td>
<td>43 mm</td>
<td>141 mm</td>
</tr>
<tr>
<td></td>
<td>0.984 in</td>
<td>1.693 in</td>
<td>5.551 in</td>
</tr>
</tbody>
</table>

### Electrical Specifications

**3rd Order IMD**
- -163 dBc

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

**Insertion Loss at Frequency Band**
- 0.2 dB @ 1695–2700 MHz
- 0.2 dB @ 340–960 MHz
- 0.3 dB @ 3500-4500 MHz
- 0.3 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**
- 200 W

**Coupling**
- 20 dB

**Coupling Tolerance**
- +0.4/-1.1 dB @ 1695-2700 MHz
- +1.2/-0.8 dB @ 3500-4500 MHz
- ±0.8 dB @ 380-520 MHz
- ±0.8 dB @ 698-960 MHz
- ±1.0 dB @ 340-380 MHz
- ±1.5 dB @ 4900-6000 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

Coupling Nut Proof Torque 4.5 N·m  |  39.828 in lb

Environmental Specifications

Operating Temperature -35 °C to +85 °C (-31 °F to +185 °F)

Relative Humidity Up to 100%

Corrosion Test Method IEC 60068-2-11, 30 days


Packaging and Weights

Height, packed 40 mm  |  1.575 in

Width, packed 90 mm  |  3.543 in

Length, packed 180 mm  |  7.087 in

Weight, gross 300 g  |  0.661 lb

Weight, net 250 g  |  0.551 lb

Regulatory Compliance/Certifications

Agency  Classification

CHINA-ROHS  Below maximum concentration value

ISO 9001:2015  Designed, manufactured and/or distributed under this quality management system

REACH-SVHC  Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS  Compliant

UK-ROHS  Compliant/Exempted

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