S-2-CPUSE-L-N

Two-way Low Power Splitter, 555–2700 MHz

Product Classification

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

Product Type
Power splitter

General Specifications

Device Type
Splitter

Application
Indoor/Outdoor

Color
Black

Inner Contact Plating
Silver

Interface
N Female

Outer Contact Plating
Trimetal

Dimensions

Height
22 mm | 0.866 in

Width
79 mm | 3.11 in

Length
107 mm | 4.213 in

Electrical Specifications

3rd Order IMD
-130 dBc

3rd Order IMD Test Method
Two +43 dBm carriers

Insertion Loss at Frequency Band
0.3 dB @ 555–960 MHz | 0.4 dB @ 1710–2700 MHz

Average Power, maximum
80 W

Impedance
50 ohm

Isolation at Frequency Band
17 dB @ 555–698 MHz | 20 dB @ 698–2700 MHz

Operating Frequency Band
555 – 2700 MHz
**S-2-CPUSE-L-N**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peak Power, maximum</td>
<td>1 kW</td>
</tr>
<tr>
<td>Power Rating, combining</td>
<td>0.5 W</td>
</tr>
<tr>
<td>Power Rating, Splitting</td>
<td>80 W</td>
</tr>
<tr>
<td>Reflected Power, maximum</td>
<td>3 W</td>
</tr>
<tr>
<td>Split Loss</td>
<td>3 dB</td>
</tr>
<tr>
<td>VSWR at Frequency Band</td>
<td>1.2:1 @ 698–2700 MHz</td>
</tr>
</tbody>
</table>

**Environmental Specifications**

- **Operating Temperature**: -25 °C to +85 °C (-13 °F to +185 °F)
- **Relative Humidity**: Up to 100%
- **Ingress Protection Test Method**: IEC 60529:2001, IP65

**Packaging and Weights**

- **Height, packed**: 40 mm | 1.575 in
- **Width, packed**: 100 mm | 3.937 in
- **Length, packed**: 130 mm | 5.118 in
- **Volume**: 520000 mm³ | 31.732 in³
- **Weight, gross**: 0.29 kg | 0.639 lb
- **Weight, net**: 0.24 kg | 0.529 lb

**Regulatory Compliance/Certifications**

- **Agency**
  - 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