

# S-2-CPUSE-L-NI

Two-way Low Power Splitter, 555-2700MHz



## 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                    | -150 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                                |

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|                          |   |
|--------------------------|---|
| Peak Power, maximum      | 1 kW  |
| Power Rating, combining  | 0.5 W                                       |
| Power Rating, Splitting  | 80 W  |
| Reflected Power, maximum | 3 W   |
| Split Loss               | 3 dB  |
| VSWR at Frequency Band   | 1.2:1 @ 698–2700 MHz   1.43:1 @ 555–698 MHz |

## 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  | 0.31 kg   0.683 lb      |
| Weight, net    | 0.26 kg   0.573 lb      |

## Regulatory Compliance/Certifications

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

