

# Product Specifications

## S-2-CPUSE-L-N

Two-way Low Power Splitter, 698–2700 MHz



## CHARACTERISTICS

### Electrical Specifications

Operating Frequency Band	698 – 2700 MHz
3rd Order IMD	-130 dBc (relative to carrier)
3rd Order IMD Test Method	Two +43 dBm Carriers
Average Power, maximum	50 W
Dissipative Loss at Frequency Band	0.3 dB @ 698–2500 MHz   0.4 dB @ 2500–2700 MHz
Impedance	50 ohm
Isolation at Frequency Band	20 dB @ 698–2700 MHz
Peak Power, maximum	1 kW
Power Rating, Combining	0.5 W
Power Rating, Splitting	50 W
Reflected Power, maximum	3 W
Return Loss	20.8 dB
Split Loss	3.0 dB
VSWR	1.2:1

### General Specifications

Device Type	Splitter
Interface	N Female
Color	Black

### Mechanical Specifications

Inner Contact Plating	Silver
Outer Contact Plating	Trimetal

### Environmental Specifications

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

## Dimensions

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Height	22.00 mm   0.87 in
Length	107.00 mm   4.21 in
Net Weight	240.00 g   0.53 lb
Width	79.00 mm   3.11 in

## Packed Dimensions

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Height	40.0 mm   1.6 in
Length	130.0 mm   5.1 in
Shipping Weight	290.00 g   0.64 lb
Volume	520.0000 cc
Width	100.0 mm   3.9 in

## Regulatory Compliance/Certifications

**Agency**  
RoHS 2002/95/EC

**Classification**

