



## S-3-CPUSE-L-N

**Three-way Low Power Splitter, 698–2700 MHz**

### General Specifications

Device Type	Splitter
Interface	N Female
Color	Black

### 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	0.6 dB @ 698–2700 MHz
Impedance	50 ohm
Insertion Loss at Frequency Band	0.6 dB @ 698–2700 MHz
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	5 W
Return Loss	19.1 dB
Split Loss	4.8 dB
VSWR	1.25:1

### Mechanical Specifications

Inner Contact Plating	Silver
Outer Contact Plating	Trimetal

### Environmental Specifications

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

Height	22.00 mm   0.87 in
Length	135.00 mm   5.31 in
Net Weight	500.00 g   1.10 lb

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Width 111.00 mm | 4.37 in

## Packed Dimensions

Height	40.0 mm   1.6 in
Length	160.0 mm   6.3 in
Shipping Weight	600.00 g   1.32 lb
Volume	832.0000 cc
Width	130.0 mm   5.1 in

## Regulatory Compliance/Certifications

Agency	Classification
RoHS 2002/95/EC	Compliant by Exemption
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

