

# S-3-CPUSE-H-N

Three-way Reactive Power Splitter, 698–2700 MHz (Additional mounting bracket PN:42396A-17 sold separately)



## OBSOLETE

This product was discontinued on: July 31, 2014

### Replaced By:

S-3-CPUSE-H-NI6	Three-way Reactive Power Splitter, 555–2700 MHz (Additional mounting bracket PN:42396A-17 sold separately)
S-3-CPUSE-H-NI6X	Three-way Reactive Power Splitter, 578–2700 MHz
S-3-UW-H-43-I6	Ultra Wideband Three-way Low PIM Reactive High Power Splitter, 555–6000 MHz (Additional mounting bracket PN:42396A-17 sold separately)
S-3-UW-H-NI6	Ultra Wideband Three-way Low PIM Reactive High Power Splitter, 555–6000 MHz (Additional mounting bracket PN:42396A-17 sold separately)

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Product Type</b>	Power splitter

## General Specifications

<b>Device Type</b>	Splitter
<b>Application</b>	Indoor/Outdoor
<b>Color</b>	Black
<b>Inner Contact Plating</b>	Silver
<b>Interface</b>	N Female
<b>Outer Contact Plating</b>	Trimetal

## Dimensions

<b>Height</b>	25 mm   0.984 in
<b>Width</b>	61 mm   2.402 in

# S-3-CPUSE-H-N

---

**Length** 227 mm | 8.937 in

## Electrical Specifications

**3rd Order IMD** -150 dBc  
**3rd Order IMD Test Method** Two +43 dBm carriers  
**Return Loss, minimum** 19.1 dB  
**Average Power, maximum** 300 W  
**Dissipative Loss at Frequency Band** 0.2 dB @ 698–2700 MHz  
**Impedance** 50 ohm  
**Operating Frequency Band** 698 – 2700 MHz  
**Peak Power, maximum** 3 kW  
**Power Rating, Splitting** 300 W  
**Reflected Power, maximum** 300 W  
**Split Loss** 4.8 dB  
**VSWR** 1.25

## 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** 43 mm | 1.693 in  
**Width, packed** 76 mm | 2.992 in  
**Length, packed** 258 mm | 10.157 in  
**Volume** 843100 mm<sup>3</sup> | 51.449 in<sup>3</sup>  
**Weight, gross** 0.44 kg | 0.97 lb  
**Weight, net** 0.37 kg | 0.816 lb

## Regulatory Compliance/Certifications

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

# S-3-CPUSE-H-N

---

