

# VD-S2-CPUSE-H-43

ValuDAS™, Two-way Reactive Power Splitter, 698–2700 MHz, DC Pass all ports (Additional mounting bracket PN:42396A-17 sold separately)



## OBSOLETE

This product was discontinued on: October 31, 2020

### Replaced By:

VD-S3-CPUSEW-H-43 ValuDAS™, Multiband Three-way Reactive High Power Splitter, 578–3800 MHz, 4.3-10 (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
<b>Product Brand</b>	ValuDAS®
<b>Ordering Note</b>	Available in Central and Latin America, Europe, Middle East, Africa, and Asia Pacific

## General Specifications

<b>Device Type</b>	Splitter
<b>Application</b>	Indoor
<b>Color</b>	Gray
<b>Inner Contact Plating</b>	Silver
<b>Interface</b>	4.3-10 Female
<b>Outer Contact Plating</b>	Trimetal

## Dimensions

<b>Height</b>	23 mm   0.906 in
<b>Width</b>	59 mm   2.323 in
<b>Length</b>	217 mm   8.543 in

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## Electrical Specifications

<b>3rd Order IMD</b>	-155 dBc
<b>3rd Order IMD Test Method</b>	Two +43 dBm carriers
<b>Return Loss, minimum</b>	20.8 dB
<b>Average Power, maximum</b>	300 W
<b>Dissipative Loss at Frequency Band</b>	0.2 dB @ 698–2700 MHz
<b>Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	698 – 2700 MHz
<b>Peak Power, maximum</b>	3 kW
<b>Power Rating, Splitting</b>	300 W
<b>Reflected Power, maximum</b>	300 W
<b>Split Loss</b>	3 dB
<b>VSWR</b>	1.2

## Environmental Specifications

<b>Operating Temperature</b>	-35 °C to +85 °C (-31 °F to +185 °F)
<b>Relative Humidity</b>	Up to 100%
<b>Ingress Protection Test Method</b>	IEC 60529:2001, IP65

## Packaging and Weights

<b>Height, packed</b>	38 mm   1.496 in
<b>Width, packed</b>	73 mm   2.874 in
<b>Length, packed</b>	247 mm   9.724 in
<b>Volume</b>	685200 mm <sup>3</sup>   41.814 in <sup>3</sup>
<b>Weight, gross</b>	0.36 kg   0.794 lb
<b>Weight, net</b>	0.3 kg   0.661 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted

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