# VD-S3-CPUSE-H-N

ValuDAS™, Three-way Reactive Power Splitter, 698–2700 MHz, DC Pass all ports

## Product Classification

| | |
|---|---|
| **Product Type** | Coaxial splitter |
| **Product Brand** | ValuDAS® |
| **Ordering Note** | Available in Central and Latin America, Europe, Middle East, Africa, and Asia Pacific |

## General Specifications

| | |
|---|---|
| **Device Type** | Splitter |
| **Application** | Indoor |
| **Color** | Black |
| **Inner Contact Plating** | Silver |
| **Interface** | N Female |
| **Outer Contact Plating** | Trimetal |

## Dimensions

| | |
|---|---|
| **Height** | 23 mm \| 0.906 in |
| **Width** | 59 mm \| 2.323 in |
| **Length** | 279 mm \| 10.984 in |

## Electrical Specifications

| | |
|---|---|
| **3rd Order IMD** | -155 dBc |
| **3rd Order IMD Test Method** | Two +43 dBm carriers |
| **Return Loss, minimum** | 20.8 dB |
| **Average Power, maximum** | 300 W |
| **Dissipative Loss at Frequency Band** | 0.3 dB @ 698–2700 MHz |
| **Impedance** | 50 ohm |
| **Operating Frequency Band** | 698 – 2700 MHz |

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| | |
|---|---|
| **Peak Power, maximum** | 3 kW |
| **Power Rating, Splitting** | 300 W |
| **Reflected Power, maximum** | 300 W |
| **Split Loss** | 4.8 dB |
| **VSWR** | 1.2 |

## Environmental Specifications

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

## Packaging and Weights

| | |
|---|---|
| **Height, packed** | 42 mm \| 1.654 in |
| **Width, packed** | 77 mm \| 3.031 in |
| **Length, packed** | 315 mm \| 12.402 in |
| **Volume** | 1018700 $mm^3$ \| 62.165 $in^3$ |
| **Weight, gross** | 0.43 kg \| 0.948 lb |
| **Weight, net** | 0.38 kg \| 0.838 lb |

## Regulatory Compliance/Certifications

| Agency | Classification |
|---|---|
| CHINA-ROHS | Below maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |