

# VD-S3-CPUSEW-H-43B



ValuDAS™, Multiband Three-way Reactive High Power Splitter, 578–3800 MHz, 4.3-10

## Product Classification

|                              |   |
|------------------------------|---|
| <b>Regional Availability</b> | Asia   EMEA   Latin 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>                 | White         |
| <b>Inner Contact Plating</b> | Silver        |
| <b>Interface</b>             | 4.3-10 Female |
| <b>Outer Contact Plating</b> | Trimetal      |

## Dimensions

|               |                    |
|---------------|--------------------|
| <b>Height</b> | 25 mm   0.984 in   |
| <b>Width</b>  | 67 mm   2.638 in   |
| <b>Length</b> | 261 mm   10.276 in |

## Electrical Specifications

|                                  |                      |
|----------------------------------|----------------------|
| <b>3rd Order IMD</b>             | -160 dBc             |
| <b>3rd Order IMD Test Method</b> | Two +43 dBm carriers |
| <b>Insertion Loss</b>            | 0.4 dB               |
| <b>Average Power, maximum</b>    | 300 W                |
| <b>Impedance</b>                 | 50 ohm               |
| <b>Operating Frequency Band</b>  | 578 – 3800 MHz       |
| <b>Peak Power, maximum</b>       | 3 kW                 |
| <b>Power Rating, Splitting</b>   | 300 W                |

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|                                 |   |
|---------------------------------|---|
| <b>Reflected Power, maximum</b> | 300 W                                   |
| <b>Split Loss</b>               | 4.8 dB                                  |
| <b>VSWR</b>                     | 1.25                                    |
| <b>Electrical Note</b>          | Values typical, unless otherwise stated |

## Environmental Specifications

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| <b>Operating Temperature</b>          | -25 °C to +85 °C (-13 °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> | 42 mm   1.654 in   |
| <b>Width, packed</b>  | 76 mm   2.992 in   |
| <b>Length, packed</b> | 315 mm   12.402 in |
| <b>Weight, gross</b>  | 0.3 kg   0.661 lb  |
| <b>Weight, net</b>    | 0.25 kg   0.551 lb |