## VD-C15-CPUSEW-43B



ValuDAS™, 15 dB, Air Directional Coupler, 578–3800 MHz, 4.3-10

### Product Classification

Regional Availability	Asia   EMEA   Latin America
Product Type	Directional coupler
Product Brand	ValuDAS®
Ordering Note	Available in Central and Latin America, Europe, Middle East, Africa, and Asia Pacific
General Specifications	
Device Type	Coupler
Application	Indoor
Color	White (RAL 9010)
Inner Contact Plating	Silver
Interface	4.3-10 Female
Outer Contact Plating	Trimetal
Dimensions	
Height	26 mm   1.024 in
Width	70 mm   2.756 in
Length	176 mm   6.929 in
Electrical Specifications	
3rd Order IMD	-160 dBc
3rd Order IMD Test Method	Two +43 dBm carriers
Insertion Loss	0.4 dB
Average Power, maximum	200 W
Coupling	15 dB

±1.0dB @ 698-3800 MHz | ±1.5dB @ 578-698 MHz 50 ohm

Isolation at Frequency Band 33 dB @ 575-3800 MHz

**Coupling Tolerance** 

Impedance

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Operating Frequency Band	578 – 3800 MHz
Peak Power, maximum	2 kW
Reflected Power, maximum	200 W
VSWR	1.25
Electrical Note	Values typical, unless otherwise stated

### **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	38 mm   1.496 in
Width, packed	88 mm   3.465 in
Length, packed	188 mm   7.402 in
Weight, gross	0.49 kg   1.08 lb
Weight, net	0.44 kg   0.97 lb



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