

VD-C10-CPUSEW-43B



ValuDAS™ 10 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	0.8 dB
Average Power, maximum	200 W
Coupling	10 dB
Coupling Tolerance	±1.0dB @ 2700–3800 MHz ±1.0dB @ 698–2700 MHz ±1.2dB @ 578–698 MHz
Impedance	50 ohm
Isolation at Frequency Band	30 dB @ 2700–3800 MHz 30 dB @ 575–2700 MHz

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Operating Frequency Band	578 – 3800 MHz
Peak Power, maximum	2 kW
Reflected Power, maximum	100 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