

VD-H2X2-CPUSEW-43B



ValuDAS™, Air Dielectric Hybrid Coupler, 578–3800 MHz, 4.3-10

Product Classification

Regional Availability	Asia EMEA Latin America
Product Type	Hybrid coupler
Product Brand	ValuDAS®
Ordering Note	Available in Central and Latin America, Europe, Middle East, Africa, and Asia Pacific

General Specifications

Device Type	Hybrid
Application	Indoor
Color	White (RAL 9010)
Inner Contact Plating	Silver
Interface	4.3-10 Female
Outer Contact Plating	Trimetal

Dimensions

Height	35 mm 1.378 in
Width	89 mm 3.504 in
Length	155 mm 6.102 in

Electrical Specifications

3rd Order IMD	-160 dBc
3rd Order IMD Test Method	Two +43 dBm carriers
Return Loss, minimum	20.8 dB
Average Power, maximum	200 W
Coupling	3.1 dB
Coupling Tolerance	±0.7dB @ 698–3800 MHz ±1.0dB @ 575–698 MHz
Impedance	50 ohm
Isolation at Frequency Band	25 dB @ 578–3800 MHz

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Operating Frequency Band	578 – 3800 MHz
Peak Power, maximum	1 kW
Reflected Power, maximum	200 W
VSWR	1.2
Electrical Note	Values typical, unless otherwise stated

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	52 mm 2.047 in
Width, packed	110 mm 4.331 in
Length, packed	200 mm 7.874 in
Weight, gross	0.74 kg 1.631 lb
Weight, net	0.68 kg 1.499 lb