VD-C8-CPUSEW-43B



ValuDAS™, 8 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
 1.2 dB

 Average Power, maximum
 200 W

 Coupling
 8 dB

Coupling Tolerance ±0.8dB @ 698-3800 MHz | ±1.2dB @ 578-698 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, maximum2 kWReflected Power, maximum70 WVSWR1.25

Electrical Note Values typical, unless otherwise stated

Environmental Specifications

Operating Temperature $-25 \,^{\circ}\text{C} \text{ to } +85 \,^{\circ}\text{C} \left(-13 \,^{\circ}\text{F to } +185 \,^{\circ}\text{F}\right)$

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
 0.45 kg | 0.992 lb

 Weight, net
 0.44 kg | 0.97 lb