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 TypeHybridApplicationIndoor

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, minimum20.8 dBAverage Power, maximum200 WCoupling3.1 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, maximum1 kWReflected Power, maximum200 WVSWR1.2

Electrical Note Values typical, unless otherwise stated

Environmental Specifications

Operating Temperature $-35 \,^{\circ}\text{C}$ to $+85 \,^{\circ}\text{C}$ (-31 $^{\circ}\text{F}$ to $+185 \,^{\circ}\text{F}$)

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

