

VD-H2X2-CPUSE-N

ValuDAS™, Hybrid Coupler, 698–2700 MHz



OBSOLETE

This product was discontinued on: October 31, 2015

Replaced By:

VD-H2X2-CPUSE-43-A	ValuDAS™, Hybrid Coupler, 698–2700 MHz
VD-H2X2-CPUSE-N-A	ValuDAS™, Hybrid Coupler, 698–2700 MHz

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North 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	Black
Inner Contact Plating	Silver
Interface	N Female
Outer Contact Plating	Trimetal

Dimensions

Height	24 mm 0.945 in
Width	72 mm 2.835 in
Length	117 mm 4.606 in

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Electrical Specifications

3rd Order IMD	-140 dBc
3rd Order IMD Test Method	Two +43 dBm carriers
Insertion Loss at Frequency Band	0.2 dB @ 698–2700 MHz
Return Loss, minimum	20.8 dB
Average Power, maximum	120 W
Coupling	3.1 dB
Coupling Tolerance	±0.5dB
Impedance	50 ohm
Isolation at Frequency Band	23 dB @ 698–2700 MHz
Operating Frequency Band	698 – 2700 MHz
Peak Power, maximum	1 kW
Reflected Power, maximum	120 W
VSWR	1.2

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	178 mm 7.008 in
Volume	595.2 cc 36.321 in ³
Weight, gross	0.39 kg 0.86 lb
Weight, net	0.34 kg 0.75 lb

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system



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