# H-4X4-CPUSE-NA



#### 4x4 High Power Hybrid Matrix, 698–2700 MHz

#### OBSOLETE This product was discontinued on: October 31, 2015

### Product Classification

Regional Availability Product Type	Asia   Australia/New Zealand   EMEA   Latin America   North America Hybrid matrix
General Specifications	
Device Type	Hybrid
Application	Indoor/Outdoor
Color	Black
Inner Contact Plating	Silver
Interface	N Female
Outer Contact Plating	Trimetal
Dimensions	
Height	31 mm   1.22 in
Width	181 mm   7.126 in
Length	181 mm   7.126 in
Electrical Specifications	
3rd Order IMD	-150 dBc
3rd Order IMD Test Method	Two +43 dBm carriers
Return Loss, minimum	20.8 dB
Average Power, maximum	100 W

Page 1 of 2

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Coupling	6.1 dB
Coupling Tolerance	±1.0dB
Impedance	50 ohm
Isolation at Frequency Band	25 dB @ 698-2700 MHz
Operating Frequency Band	698 – 2700 MHz
Peak Power, maximum	1 kW
Reflected Power, maximum	100 W
VSWR	1.2

## 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

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Height, packed	45 mm   1.772 in
Width, packed	210 mm   8.268 in
Length, packed	210 mm   8.268 in
Weight, gross	1.53 kg   3.373 lb
Weight, net	1.42 kg   3.131 lb

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

Page 2 of 2

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