

H-4X4-CPUSE-N-A

4x4 High Power Hybrid Matrix, 698–2700 MHz



OBSOLETE

This product was discontinued on: November 20, 2013

Replaced By:

H-4X4-CPUSE-DAI6	Low PIM 4x4 High Power Hybrid Matrix, 555–2700 MHz
H-4X4-CPUSE-NA	4x4 High Power Hybrid Matrix, 698–2700 MHz
H-4X4-CPUSE-NAI6	Low PIM 4x4 High Power Hybrid Matrix, 555–2700 MHz

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Product Type	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	113 mm 4.449 in
Width	192 mm 7.559 in
Length	313 mm 12.323 in

Electrical Specifications

3rd Order IMD	-150 dBc
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3rd Order IMD Test Method	Two +43 dBm carriers
Insertion Loss at Frequency Band	0.3 dB @ 698–2700 MHz
Return Loss, minimum	19.1 dB
Average Power, maximum	100 W
Coupling	6.2 dB
Coupling Tolerance	±0.8dB
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	100 W
VSWR	1.25

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	165 mm 6.496 in
Width, packed	280 mm 11.024 in
Length, packed	390 mm 15.354 in
Volume	18018 cc 1,099.525 in ³
Weight, gross	5.67 kg 12.5 lb
Weight, net	4.48 kg 9.877 lb

Regulatory Compliance/Certifications

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

