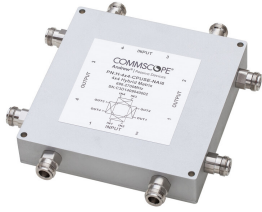


# H-4X4-CPUSE-NAI6



Low PIM 4x4 High Power Hybrid Matrix, 555–2700 MHz

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Product Type</b>	Hybrid matrix

## General Specifications

<b>Device Type</b>	Hybrid
<b>Application</b>	Indoor/Outdoor
<b>Color</b>	Silver
<b>Inner Contact Plating</b>	Silver
<b>Interface</b>	N Female
<b>Outer Contact Plating</b>	Trimetal

## Dimensions

<b>Height</b>	31 mm   1.22 in
<b>Width</b>	181 mm   7.126 in
<b>Length</b>	181 mm   7.126 in

## Electrical Specifications

<b>3rd Order IMD</b>	-160 dBc
<b>3rd Order IMD Test Method</b>	Two +43 dBm carriers
<b>Insertion Loss at Frequency Band</b>	0.3 dB @ 555–2700 MHz
<b>Return Loss, minimum</b>	20.8 dB
<b>Average Power, maximum</b>	100 W
<b>Coupling</b>	6.2 dB
<b>Coupling Tolerance</b>	±1.0dB @ 698–2700 MHz   ±2.5dB @ 555–698 MHz
<b>Impedance</b>	50 ohm
<b>Isolation at Frequency Band</b>	25 dB @ 555–2700 MHz
<b>Operating Frequency Band</b>	555 – 2700 MHz

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<b>Peak Power, maximum</b>	1 kW
<b>Reflected Power, maximum</b>	100 W
<b>VSWR</b>	1.2

## Mechanical Specifications

<b>Coupling Nut Proof Torque</b>	4.5 N-m   39.828 in lb
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## Environmental Specifications

<b>Operating Temperature</b>	-35 °C to +85 °C (-31 °F to +185 °F)
<b>Relative Humidity</b>	Up to 100%
<b>Ingress Protection Test Method</b>	IEC 60529:2001, IP65

## Packaging and Weights

<b>Height, packed</b>	45 mm   1.772 in
<b>Width, packed</b>	210 mm   8.268 in
<b>Length, packed</b>	210 mm   8.268 in
<b>Weight, gross</b>	2 kg   4.409 lb
<b>Weight, net</b>	1.5 kg   3.307 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

