

# H-4X4-UW-43-A16



Low PIM 4x4 High Power Hybrid Matrix, 555–6000 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>	White
<b>Inner Contact Plating</b>	Silver
<b>Interface</b>	4.3-10 Female
<b>Outer Contact Plating</b>	Trimetal

## Dimensions

<b>Height</b>	32.3 mm   1.272 in
<b>Width</b>	182.6 mm   7.189 in
<b>Length</b>	182.6 mm   7.189 in

## Electrical Specifications

<b>Return Loss at Frequency Band</b>	17.7 dB @ 555–6000 MHz
<b>Average Power, maximum</b>	100 W
<b>Coupling</b>	6.2 dB
<b>Coupling Tolerance</b>	±1.4dB @ 600–5950 MHz   ±2.0dB @ 555–600 MHz   ±2.0dB @ 5950–6000 MHz
<b>Impedance</b>	50 ohm
<b>Isolation at Frequency Band</b>	19 dB @ 555–6000 MHz
<b>Operating Frequency Band</b>	555 – 6000 MHz
<b>Peak Power, maximum</b>	1 kW
<b>Reflected Power, maximum</b>	100 W

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## Electrical Specifications

<b>Frequency Band, MHz</b>	<b>617–960</b>	<b>1695–2700</b>	<b>3100–4200</b>
<b>PIM, 3rd Order, 2 x 20 W, dBc</b>	-163	-163	-150

## 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, IP67

## 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>	1.77 kg   3.902 lb
<b>Weight, net</b>	1.64 kg   3.616 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted

