

# 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>3rd Order IMD</b>	-162 dBc
<b>3rd Order IMD Test Method</b>	Two +43 dBm carriers
<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

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**Reflected Power, maximum** 100 W

## 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, IP67

## Packaging and Weights

**Height, packed** 45 mm | 1.772 in

**Width, packed** 210 mm | 8.268 in

**Length, packed** 210 mm | 8.268 in

**Weight, gross** 1.77 kg | 3.902 lb

**Weight, net** 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

