

H-4X4-UW-43-A16



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

Dimensions

Height	32.3 mm 1.272 in
Width	182.6 mm 7.189 in
Length	182.6 mm 7.189 in

Electrical Specifications

3rd Order IMD	-162 dBc
3rd Order IMD Test Method	Two +43 dBm carriers
Return Loss at Frequency Band	17.7 dB @ 555–6000 MHz
Average Power, maximum	100 W
Coupling	6.2 dB
Coupling Tolerance	±1.4dB @ 600–5950 MHz ±2.0dB @ 555–600 MHz ±2.0dB @ 5950–6000 MHz
Impedance	50 ohm
Isolation at Frequency Band	19 dB @ 555–6000 MHz
Operating Frequency Band	555 – 6000 MHz
Peak Power, maximum	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

Agency	Classification
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

