

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

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

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Peak Power, maximum	1 kW
Reflected Power, maximum	100 W

Electrical Specifications

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

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

