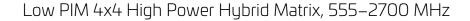
H-4X4-CPUSE-43-AI6





OBSOLETE

This product was discontinued on: July 31, 2021

Replaced By:

H-4X4-UW-43-AI6 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 Silver
Inner Contact Plating Silver

Interface 4.3-10 Female

Outer Contact Plating Trimetal

Dimensions

 Height
 34 mm | 1.339 in

 Width
 180 mm | 7.087 in

 Length
 180 mm | 7.087 in

Electrical Specifications

3rd Order IMD -162 dBc

3rd Order IMD Test Method Two +43 dBm carriers

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H-4X4-CPUSE-43-AI6

Insertion Loss at Frequency Band 0.3 dB @ 555-2700 MHz

Return Loss, minimum20.8 dBAverage Power, maximum100 WCoupling6.1 dB

Coupling Tolerance ±1.25dB @ 575-2700 MHz | ±1.65dB @ 555-575 MHz

Impedance 50 ohm

Isolation at Frequency Band 25 dB @ 555-2700 MHz

Operating Frequency Band 555 – 2700 MHz

Peak Power, maximum 1 kW
Reflected Power, maximum 100 W
VSWR 1.2

Mechanical Specifications

Coupling Nut Proof Torque 7 N-m | 61.955 in lb

Environmental Specifications

Operating Temperature $-35 \,^{\circ}\text{C} \text{ to } +85 \,^{\circ}\text{C} \, (-31 \,^{\circ}\text{F to } +185 \,^{\circ}\text{F})$

Relative Humidity Up to 100%

Ingress Protection Test Method IEC 60529:2001, IP65

Packaging and Weights

UK-ROHS

 Height, packed
 50 mm | 1.969 in

 Width, packed
 210 mm | 8.268 in

 Length, packed
 220 mm | 8.661 in

 Weight, gross
 1.54 kg | 3.395 lb

 Weight, net
 1.43 kg | 3.153 lb

Compliant

Regulatory Compliance/Certifications

AgencyClassificationCHINA-ROHSBelow maximum concentration valueISO 9001:2015Designed, manufactured and/or distributed under this quality management systemREACH-SVHCCompliant as per SVHC revision on www.commscope.com/ProductComplianceROHSCompliant

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