

H-3X3-CPUSE-43-A16



Low PIM 3x3 High Power Hybrid Matrix, 555–2700 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	32 mm 1.26 in
Width	162 mm 6.378 in
Length	297 mm 11.693 in

Electrical Specifications

3rd Order IMD	-162 dBc
3rd Order IMD Test Method	Two +43 dBm carriers
Return Loss, minimum	20.8 dB
Average Power, maximum	100 W
Coupling	5 dB
Coupling Tolerance	±1.1dB @ 698–2700 MHz ±2.0dB @ 555–698 MHz
Impedance	50 ohm
Isolation at Frequency Band	24 dB @ 555–2700 MHz
Operating Frequency Band	555 – 2700 MHz
Peak Power, maximum	1 kW

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Reflected Power, maximum	100 W
VSWR	1.2

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, IP65

Packaging and Weights

Height, packed	110 mm 4.331 in
Width, packed	220 mm 8.661 in
Length, packed	360 mm 14.173 in
Weight, gross	2.5 kg 5.512 lb
Weight, net	1.6 kg 3.527 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant/Exempted

