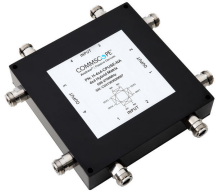


H-4X4-CPUSE-NA

4x4 High Power Hybrid Matrix, 698–2700 MHz



OBSOLETE

This product was discontinued on: October 31, 2015

Replaced By:

H-4X4-CPUSE-NAI6 Low PIM 4x4 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	Black
Inner Contact Plating	Silver
Interface	N Female
Outer Contact Plating	Trimetal

Dimensions

Height	31 mm 1.22 in
Width	181 mm 7.126 in
Length	181 mm 7.126 in

Electrical Specifications

3rd Order IMD	-150 dBc
3rd Order IMD Test Method	Two +43 dBm carriers

H-4X4-CPUSE-NA

Return Loss, minimum	20.8 dB
Average Power, maximum	100 W
Coupling	6.1 dB
Coupling Tolerance	±1.0dB
Impedance	50 ohm
Isolation at Frequency Band	25 dB @ 698–2700 MHz
Operating Frequency Band	698 – 2700 MHz
Peak Power, maximum	1 kW
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	45 mm 1.772 in
Width, packed	210 mm 8.268 in
Length, packed	210 mm 8.268 in
Weight, gross	1.53 kg 3.373 lb
Weight, net	1.42 kg 3.131 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

