



H-4X4-CPUSE-NAi6

Low PIM 4x4 High Power Hybrid Matrix, 555–2700 MHz

General Specifications

Brand	Andrew®
Device Type	Hybrid
Interface	N Female
Color	Silver

Electrical Specifications

Operating Frequency Band	555 – 2700 MHz
3rd Order IMD	-160 dBc
3rd Order IMD Test Method	Two +43 dBm carriers
Average Power, maximum	100 W
Coupling	6.1 dB
Coupling Tolerance	±1.0 dB @ 698–2700 MHz ±2.5 dB @ 555–698 MHz
Impedance	50 ohm
Insertion Loss at Frequency Band	0.3 dB @ 555–2700 MHz
Isolation at Frequency Band	25 dB @ 555–2700 MHz
Peak Power, maximum	1 kW
Reflected Power, maximum	100 W
Return Loss, minimum	20.8 dB
VSWR	1.2:1

Mechanical Specifications

Inner Contact Plating	Silver
Outer Contact Plating	Trimetal

Environmental Specifications

Application	Indoor/Outdoor
Ingress Protection Test Method	IEC 60529:2001, IP65
Operating Temperature	-35 °C to +85 °C (-31 °F to +185 °F)
Relative Humidity	Up to 100%

Dimensions

Height	31.00 mm 1.22 in
Length	181.00 mm 7.13 in
Width	181.00 mm 7.13 in
Net Weight	1.50 kg 3.31 lb

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Packed Dimensions

Height	45.0 mm 1.8 in
Length	210.0 mm 8.3 in
Width	210.0 mm 8.3 in
Shipping Weight	2.00 kg 4.41 lb

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

ISO 9001:2008

Classification

Compliant by Exemption

Designed, manufactured and/or distributed under this quality management system

