

H-3X3-UW-43-A16



Low PIM 3x3 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 (RAL 9010)
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	-163 dBc
3rd Order IMD Test Method	Two +43 dBm carriers
Average Power, maximum	100 W
Coupling	5 dB
Coupling Tolerance	±1.1dB @ 555-6000 MHz
Impedance	50 ohm
Isolation at Frequency Band	23 dB @ 2700–6000 MHz 25 dB @ 555–2700 MHz
Operating Frequency Band	555 – 6000 MHz
Peak Power, maximum	1 kW
VSWR	1.2

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Mechanical Specifications

Coupling Nut Proof Torque	7 N·m 61.955 in lb
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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	120 mm 4.724 in
Width, packed	230 mm 9.055 in
Length, packed	370 mm 14.567 in
Weight, gross	2.5 kg 5.512 lb
Weight, net	1.6 kg 3.527 lb