

# 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

# H-3X3-UW-43-A16

---

## Mechanical Specifications

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

## 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