

# H-2X2-UW-43-A16



Low PIM 2x2 Air Dielectric Hybrid Coupler, 555 – 6000 MHz

## Product Classification

Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Product Type	Hybrid coupler

## General Specifications

Device Type	Hybrid
Application	Indoor/Outdoor
Color	White
Inner Contact Plating	Silver
Interface	4.3-10 Female
Outer Contact Plating	Trimetal

## Dimensions

Height	36 mm   1.417 in
Width	79 mm   3.11 in
Length	145 mm   5.709 in

## Electrical Specifications

3rd Order IMD	-165 dBc
3rd Order IMD Test Method	Two +43 dBm carriers
Average Power, maximum	200 W
Coupling	3.1 dB
Coupling Tolerance	±0.7dB @ 610-6000 MHz   ±1.1dB @ 555–610 MHz
Impedance	50 ohm
Isolation Between Bands	20 dB
Operating Frequency Band	555 – 6000 MHz
Peak Power, maximum	1 kW
VSWR	1.25

# H-2X2-UW-43-AI6

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## 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** 60 mm | 2.362 in

**Width, packed** 105 mm | 4.134 in

**Length, packed** 170 mm | 6.693 in

**Weight, gross** 0.64 kg | 1.411 lb

**Weight, net** 0.57 kg | 1.257 lb