

# H-2X2-TZ-43-A16

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Low PIM 2x2 Air Dielectric Hybrid Coupler 340–4200 MHz.

## Product Classification

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

## General Specifications

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

## Dimensions

<b>Height</b>	37 mm   1.457 in
<b>Width</b>	84.4 mm   3.323 in
<b>Length</b>	220 mm   8.661 in

## Electrical Specifications

<b>3rd Order IMD</b>	-165 dBc
<b>3rd Order IMD Test Method</b>	Two +43 dBm carriers
<b>Average Power, maximum</b>	200 W
<b>Coupling</b>	3.1 dB
<b>Coupling Tolerance</b>	±1.0dB
<b>Impedance</b>	50 ohm
<b>Isolation at Frequency Band</b>	22 dB @ 340–4200 MHz
<b>Operating Frequency Band</b>	340 – 4200 MHz
<b>Peak Power, maximum</b>	1 kW

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**VSWR at Frequency Band** 1.2:1 @ 340–2700 MHz | 1.3:1 @ 2700–4200 MHz

## 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** 47 mm | 1.85 in

**Width, packed** 100 mm | 3.937 in

**Length, packed** 246 mm | 9.685 in

**Weight, gross** 0.93 kg | 2.05 lb

**Weight, net** 0.87 kg | 1.918 lb