

# H-2X2-TZ-43-A16

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Low PIM 2x2 Air Dielectric Hybrid Coupler 340–4200 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** 37 mm | 1.457 in

**Width** 84.4 mm | 3.323 in

**Length** 220 mm | 8.661 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** ±1.0dB

**Impedance** 50 ohm

**Isolation at Frequency Band** 22 dB @ 340–4200 MHz

**Operating Frequency Band** 340 – 4200 MHz

**Peak Power, maximum** 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