

# H-3-TCPUSEW-43-A16



Low PIM Air Dielectric Hybrid Coupler, 340–3800 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 @ 340–3800 MHz
Operating Frequency Band	340 – 3800 MHz
Peak Power, maximum	1 kW
Reflected Power, maximum	200 W

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**VSWR at Frequency Band** 1.2:1 @ 340–2700 MHz | 1.3:1 @ 2700–3800 MHz

## Environmental Specifications

<b>Operating Temperature</b>	-25 °C to +85 °C (-13 °F to +185 °F)
<b>Relative Humidity</b>	Up to 100%
<b>Ingress Protection Test Method</b>	IEC 60529:2001, IP65

## Packaging and Weights

<b>Height, packed</b>	47 mm   1.85 in
<b>Width, packed</b>	100 mm   3.937 in
<b>Length, packed</b>	246 mm   9.685 in
<b>Weight, gross</b>	0.93 kg   2.05 lb
<b>Weight, net</b>	0.87 kg   1.918 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.andrew.com/ProductCompliance">www.andrew.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

