

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

Operating Temperature -25 °C to +85 °C (-13 °F to +185 °F)

Relative Humidity Up to 100%

Ingress Protection Test Method IEC 60529:2001, IP65

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

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

