

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.andrew.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

