## C-6-TCPUSEW-43AI6



#### 6 dB, Air Directional Coupler, 340-3800 MHz

Product Classification	
Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America
Product Type	Directional coupler
General Specifications	
Device Type	Coupler
Application	Indoor/Outdoor
Color	White
Inner Contact Plating	Silver
Interface	4.3-10 Female
Outer Contact Plating	Trimetal
Dimensions	
Height	23 mm   0.906 in
Width	74.6 mm   2.937 in
Length	209.5 mm   8.248 in
Electrical Specifications	
3rd Order IMD	-165 dBc
3rd Order IMD Test Method	Two +43 dBm carriers
Insertion Loss at Frequency Band	1.85 dB @ 340-3800 MHz
Average Power, maximum	200 W
Coupling	6 dB
Coupling Tolerance	±1.2dB
Impedance	50 ohm
Isolation at Frequency Band	22 dB @ 2700-3800 MHz   26 dB @ 340-2700 MHz
Operating Frequency Band	340 – 3800 MHz
Peak Power, maximum	1 kW

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Reflected Power, maximum	40 W
VSWR at Frequency Band	1.2:1 @ 340-2700 MHz   1.3:1 @ 2700-3800 MHz
Mechanical Specifications	
Coupling Nut Proof Torque	4.5 N-m   39.828 in lb

#### **Environmental Specifications**

Operating Temperature	-25 °C to +85 °C (-13 °F to +185 °F)
Relative Humidity	Up to 100%
Corrosion Test Method	IEC 60068-2-11, 30 days
Ingress Protection Test Method	IEC 60529:2001, IP67

## Packaging and Weights

Height, packed	77 mm   3.031 in
Width, packed	42 mm   1.654 in
Length, packed	258 mm   10.157 in
Weight, gross	0.619 kg   1.365 lb
Weight, net	0.545 kg   1.202 lb

## Regulatory Compliance/Certifications

Classification
Above maximum concentration value
Compliant/Exempted
Compliant/Exempted



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