## C-30-TCPUSEW-43AI6



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

## Product Classification

Regional Availability

## Product Type

## Ceneral Specifications

## Device Type

Application
Color
Inner Contact Plating
Interface
Outer Contact Plating
Dimensions

## Height

Width
Length

## Electrical Specifications

3rd Order IMD
3rd Order IMD Test Method
Insertion Loss at Frequency Band
Average Power, maximum
Coupling
Coupling Tolerance
Impedance
Isolation at Frequency Band
Operating Frequency Band
Peak Power, maximum

Asia | Australia/New Zealand | EMEA | Latin America | North America
Directional coupler

## Coupler

Indoor/Outdoor
White
Silver
4.3-10 Female

Trimetal

23 mm | 0.906 in
74.6 mm | 2.937 in
209.5 mm | 8.248 in
$-165 \mathrm{dBc}$
Two +43 dBm carriers
0.25 dB @ 340-3800 MHz

200 W
30 dB
$\pm 1.6 \mathrm{~dB}$
50 ohm
40 dB @ 2700-3800 MHz | 46 dB @ 340-2700 MHz
$340-3800 \mathrm{MHz}$
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 $\quad 4.5 \mathrm{~N}-\mathrm{m}$ | 39.828 in lb

## Environmental Specifications

Operating Temperature $\quad-25^{\circ} \mathrm{C}$ to $+85^{\circ} \mathrm{C}\left(-13{ }^{\circ} \mathrm{F}\right.$ to $\left.+185^{\circ} \mathrm{F}\right)$
Relative Humidity
Corrosion Test Method
Up to 100\%

Ingress Protection Test Method
IEC 60529:2001, IP67
Packaging and Weights
Height, packed
Width, packed
Length, packed
77 mm | 3.031 in

Weight, gross
42 mm | 1.654 in
258 mm | 10.157 in

Weight, net
$0.619 \mathrm{~kg} \mathrm{\mid} 1.365 \mathrm{lb}$
$0.545 \mathrm{~kg} \mathrm{\mid} 1.202 \mathrm{lb}$

## Regulatory Compliance/Certifications

Agency
CHINA-ROHS
ROHS
UK-ROHS

## Classification

Above maximum concentration value
Compliant/Exempted
Compliant/Exempted

