C-20-TCPUSEW-43AI6



20 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 | 0.35 dB @ 340-3800 MHz |
| Average Power, maximum | 200 W |
| Coupling | 20 dB |
| Coupling Tolerance | ±1.4dB |
| Impedance | 50 ohm |
| Isolation at Frequency Band | 36 dB @ 2700-3800 MHz 39 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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