

CT-10-TUW-NI6



10 dB, Tapper, 340 – 6000 MHz

Product Classification

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|------------------------------|---|
| Regional Availability | Asia Australia/New Zealand EMEA Latin America North America |
| Product Type | Tapper |

General Specifications

| | |
|------------------------------|----------------|
| Device Type | Tapper |
| Application | Indoor/Outdoor |
| Color | White |
| Inner Contact Plating | Silver |
| Interface | N Female |
| Outer Contact Plating | Trimetal |

Dimensions

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|---------------|-------------------|
| Height | 25 mm 0.984 in |
| Width | 43 mm 1.693 in |
| Length | 141 mm 5.551 in |

Electrical Specifications

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| 3rd Order IMD | -163 dBc |
| 3rd Order IMD Test Method | Two +43 dBm carriers |
| Insertion Loss at Frequency Band | 0.7 dB @ 1695–2700 MHz 0.7 dB @ 340–960 MHz 0.75 dB @ 3500–4500 MHz 0.75 dB @ 4900–6000 MHz |
| Return Loss at Frequency Band | 19.1 dB @ 3500–4500 MHz 19.1 dB @ 4900–6000 MHz 20.8 dB @ 1695–2700 MHz 20.8 dB @ 340–960 MHz |
| Average Power, maximum | 200 W |
| Coupling | 10 dB |
| Coupling Tolerance | +0.1/-1.1dB @ 4900-6000 MHz +0/-0.8dB @ 380-520 MHz +0/-1.3dB @ 340-380 MHz +0/-1.5dB @ 3500-4500 MHz ±0.45dB @ 698-960 MHz ±0.7dB @ 1695-2700 MHz |

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| | |
|---------------------------------|---|
| Impedance | 50 ohm |
| Operating Frequency Band | 1695 – 2700 MHz 340 – 960 MHz 3500 – 4500 MHz 4900 – 6000 MHz |
| Peak Power, maximum | 3 kW |
| Reflected Power, maximum | 200 W |

Mechanical Specifications

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|----------------------------------|------------------------|
| Coupling Nut Proof Torque | 4.5 N-m 39.828 in lb |
|----------------------------------|------------------------|

Environmental Specifications

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|---------------------------------------|--------------------------------------|
| Operating Temperature | -35 °C to +85 °C (-31 °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

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|-----------------------|--------------------|
| Height, packed | 40 mm 1.575 in |
| Width, packed | 90 mm 3.543 in |
| Length, packed | 180 mm 7.087 in |
| Weight, gross | 0.3 kg 0.661 lb |
| Weight, net | 0.25 kg 0.551 lb |

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| CHINA-ROHS | Above maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| ROHS | Compliant/Exempted |
| UK-ROHS | Compliant/Exempted |

