

# CT-5-TUW-NI6



5 dB, Tapper, 340 – 6000 MHz

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Product Type</b>	Tapper

## General Specifications

<b>Device Type</b>	Tapper
<b>Application</b>	Indoor/Outdoor
<b>Color</b>	White
<b>Inner Contact Plating</b>	Silver
<b>Interface</b>	N Female
<b>Outer Contact Plating</b>	Trimetal

## Dimensions

<b>Height</b>	25 mm   0.984 in
<b>Width</b>	43 mm   1.693 in
<b>Length</b>	141 mm   5.551 in

## Electrical Specifications

<b>3rd Order IMD</b>	-163 dBc
<b>3rd Order IMD Test Method</b>	Two +43 dBm carriers
<b>Insertion Loss at Frequency Band</b>	1.8 dB @ 340–960 MHz   1.95dB @ 3500-4500MHz   1.95dB @ 4900-6000MHz   2.1 dB @ 1695-2700MHz
<b>Return Loss at Frequency Band</b>	16.5dB @ 3500–4500MHz   17.7 dB @ 4900–6000 MHz   17.7dB @ 340–960MHz   20.8 dB @ 1695–2700 MHz
<b>Average Power, maximum</b>	300 W
<b>Coupling</b>	5 dB
<b>Coupling Tolerance</b>	+0.15/-0.6dB @ 698-960MHz   +0.2/-1.7dB @ 3500-4500MHz   +0.3/-0.8dB @ 4900-6000MHz   +0/-1.3dB @ 340-380 MHz   -0.2/-1.1dB @ 380-520 MHz   ±0.6dB @ 1695-2700 MHz

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

## Mechanical Specifications

<b>Coupling Nut Proof Torque</b>	4.5 N-m   39.828 in lb
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## Environmental Specifications

<b>Operating Temperature</b>	-35 °C to +85 °C (-31 °F to +185 °F)
<b>Relative Humidity</b>	Up to 100%
<b>Ingress Protection Test Method</b>	IEC 60529:2001, IP67

## Packaging and Weights

<b>Height, packed</b>	40 mm   1.575 in
<b>Width, packed</b>	90 mm   3.543 in
<b>Length, packed</b>	180 mm   7.087 in
<b>Weight, gross</b>	0.3 kg   0.661 lb
<b>Weight, net</b>	0.25 kg   0.551 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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

