

# CT-6-TUW-NI6

6 dB, Tapper, 340 – 6000 MHz



## Product Classification

**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

**Height** 25 mm | 0.984 in

**Width** 43 mm | 1.693 in

**Length** 141 mm | 5.551 in

## Electrical Specifications

**3rd Order IMD** -163 dBc

**3rd Order IMD Test Method** Two +43 dBm carriers

**Insertion Loss at Frequency Band** 1.6 dB @ 1695–2700 MHz | 1.6 dB @ 340–960 MHz | 1.65 dB @ 3500–4500 MHz | 1.65 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** 6 dB

**Coupling Tolerance** +0.1/-1dB @ 4900-6000 MHz | +0.15/-0.45dB @ 698-960 MHz | +0/-1.3dB @ 340-380

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MHz | +0/-1.85dB @ 3500-4500 MHz | -0.2/-1.1dB @ 380-520 MHz | ±0.6dB @ 1695-2700 MHz

<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>Corrosion Test Method</b>	IEC 60068-2-11, 30 days
<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>	300 g   0.661 lb
<b>Weight, net</b>	250 g   0.551 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant

