

# CT-13-TUW-NI6

13 dB, Tapper, 340 – 6000 MHz



## OBSOLETE

This product was discontinued on: September 30, 2021

### Replaced By:

CT-15-TUW-NI6      15 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

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<b>Insertion Loss at Frequency Band</b>	0.6 dB @ 1695–2700 MHz   0.6 dB @ 340–960 MHz   0.65 dB @ 3500–4500 MHz   0.65 dB @ 4900–6000 MHz
<b>Return Loss at Frequency Band</b>	19.1 dB @ 3500–4500 MHz   19.1 dB @ 4900–6000 MHz   20.8 dB @ 1695–2700 MHz   20.8 dB @ 340–960 MHz
<b>Average Power, maximum</b>	200 W
<b>Coupling</b>	13 dB
<b>Coupling Tolerance</b>	+0.25/-1.25dB @ 3500-4500 MHz   +0.3/-1dB @ 4900-6000 MHz   ±0.5dB @ 698-960 MHz   ±0.65dB @ 1695-2700 MHz   ±0.65dB @ 380-520 MHz   ±1.0dB @ 340-380 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>

# CT-13-TUW-NI6

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ROHS Compliant

UK-ROHS Compliant

