

# CT-13-TCPUSE-NI6

13 dB, Tapper, 340–960/1710–2700 MHz



## OBSOLETE

This product was discontinued on: October 31, 2019

### Replaced By:

CT-13-TUW-NI6      13 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**      Silver  
**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**      -160 dBc  
**3rd Order IMD Test Method**      Two +43 dBm carriers  
**Insertion Loss at Frequency Band**      0.6 dB @ 1710–2700 MHz | 0.6 dB @ 340–698 MHz | 0.6 dB @ 698–960 MHz

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<b>Return Loss, minimum</b>	20.8 dB
<b>Average Power, maximum</b>	200 W
<b>Coupling</b>	13 dB
<b>Coupling Tolerance</b>	±1.25dB @ 1710–2700 MHz   ±1.25dB @ 698–960 MHz   ±1.4dB @ 340–698 MHz
<b>Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	1710 – 2700 MHz   340 – 960 MHz
<b>Peak Power, maximum</b>	3 kW
<b>Reflected Power, maximum</b>	200 W
<b>VSWR</b>	1.2

## 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, IP65

## 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>Volume</b>	648000 mm <sup>3</sup>   39.544 in <sup>3</sup>
<b>Weight, gross</b>	0.31 kg   0.683 lb
<b>Weight, net</b>	0.26 kg   0.573 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

