

30 dB, Tapper, 340–960/1710–2700 MHz



**OBSOLETE**

This product was discontinued on: October 31, 2019

**Replaced By:**

CT-30-TUW-NI6      30 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

# CT-30-TCPUSE-NI6

<b>Insertion Loss at Frequency Band</b>	0.1 dB @ 1710–2700 MHz   0.1 dB @ 340–698 MHz   0.1 dB @ 698–960 MHz
<b>Return Loss, minimum</b>	20.8 dB
<b>Average Power, maximum</b>	200 W
<b>Coupling</b>	30 dB
<b>Coupling Tolerance</b>	±1.5dB @ 1710–2700 MHz   ±1.5dB @ 698–960 MHz   ±1.6dB @ 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