

# CT-10-TUW-NI6



10 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	0.7 dB @ 1695–2700 MHz   0.7 dB @ 340–960 MHz   0.75 dB @ 3500–4500 MHz   0.75 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	10 dB
Coupling Tolerance	+0.1/-1.1dB @ 4900-6000 MHz   +0/-0.8dB @ 380-520 MHz   +0/-1.3dB @ 340-380 MHz   +0/-1.5dB @ 3500-4500 MHz   ±0.45dB @ 698-960 MHz   ±0.7dB @ 1695-2700 MHz

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

## Mechanical Specifications

Coupling Nut Proof Torque	4.5 N-m   39.828 in lb
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## Environmental Specifications

Operating Temperature	-35 °C to +85 °C (-31 °F to +185 °F)
Relative Humidity	Up to 100%
Corrosion Test Method	IEC 60068-2-11, 30 days
Ingress Protection Test Method	IEC 60529:2001, IP67

## Packaging and Weights

Height, packed	40 mm   1.575 in
Width, packed	90 mm   3.543 in
Length, packed	180 mm   7.087 in
Weight, gross	300 g   0.661 lb
Weight, net	250 g   0.551 lb

## Regulatory Compliance/Certifications

Agency	Classification
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

