

# CT-8-TCPUSE-43-16

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8 dB, Tapper, 340–960/1710–2700 MHz



## OBSOLETE

This product was discontinued on: October 31, 2019

### Replaced By:

CT-8-TUW-43-I6      8 dB, Tapper, 340 – 6000 MHz

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Product Type</b>	Tapper

## General Specifications

<b>Device Type</b>	Tapper
<b>Application</b>	Indoor/Outdoor
<b>Color</b>	Silver
<b>Inner Contact Plating</b>	Silver
<b>Interface</b>	4.3-10 Female
<b>Outer Contact Plating</b>	Trimetal

## Dimensions

<b>Height</b>	25 mm   0.984 in
<b>Width</b>	46 mm   1.811 in
<b>Length</b>	146 mm   5.748 in

## Electrical Specifications

<b>3rd Order IMD</b>	-162 dBc
<b>3rd Order IMD Test Method</b>	Two +43 dBm carriers

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<b>Insertion Loss at Frequency Band</b>	1.1 dB @ 1710–2700 MHz   1.1 dB @ 340–698 MHz   1.1 dB @ 698–960 MHz
<b>Return Loss, minimum</b>	19.1 dB
<b>Average Power, maximum</b>	300 W
<b>Coupling</b>	8 dB
<b>Coupling Tolerance</b>	±0.8dB @ 1710–2700 MHz   ±0.8dB @ 698–960 MHz   ±1.2dB @ 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>	1.25

## Mechanical Specifications

<b>Coupling Nut Proof Torque</b>	7 N·m   61.955 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>Weight, gross</b>	0.35 kg   0.772 lb
<b>Weight, net</b>	0.25 kg   0.551 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

