

8 dB, Tapper, 698–960/1710-2700 MHz



**OBSOLETE**

This product was discontinued on: August 31, 2016

**Replaced By:**

CT-8-TCPUSE-43-I6	8 dB, Tapper, 340–960/1710-2700 MHz
CT-8-TCPUSE-DI6	8 dB, Tapper, 340–960/1710-2700 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>	7-16 DIN Female
<b>Outer Contact Plating</b>	Trimetal

Dimensions

<b>Height</b>	28.9 mm   1.138 in
<b>Width</b>	49.3 mm   1.941 in
<b>Length</b>	153.6 mm   6.047 in

Electrical Specifications

<b>3rd Order IMD</b>	-160 dBc
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# CT-8-CPUSE-DI6

<b>3rd Order IMD Test Method</b>	Two +43 dBm carriers
<b>Insertion Loss at Frequency Band</b>	1.1 dB @ 1710–2700 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
<b>Impedance</b>	50 ohm
<b>Operating Frequency Band</b>	1710 – 2700 MHz   698 – 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>	25 N-m   221.269 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>	50 mm   1.969 in
<b>Width, packed</b>	95 mm   3.74 in
<b>Length, packed</b>	180 mm   7.087 in
<b>Volume</b>	855000 mm <sup>3</sup>   52.176 in <sup>3</sup>
<b>Weight, gross</b>	0.42 kg   0.926 lb
<b>Weight, net</b>	0.35 kg   0.772 lb

## Regulatory Compliance/Certifications

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

