

6 dB, Tapper, 340–960/1710–2700 MHz



**OBSOLETE**

This product was discontinued on: September 30, 2021

**Replaced By:**

CT-6-TUW-43-I6      6 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	7-16 DIN Female
Outer Contact Plating	Trimetal

Dimensions

Height	28.9 mm   1.138 in
Width	49.3 mm   1.941 in
Length	153.6 mm   6.047 in

Electrical Specifications

3rd Order IMD	-160 dBc
3rd Order IMD Test Method	Two +43 dBm carriers

# CT-6-TCPUSE-DI6

Insertion Loss at Frequency Band	1.6 dB @ 1710–2700 MHz   1.6 dB @ 340–698 MHz   1.6 dB @ 698–960 MHz
Return Loss, minimum	17.7 dB
Average Power, maximum	300 W
Coupling	6 dB
Coupling Tolerance	±0.8dB @ 1710–2700 MHz   ±0.8dB @ 698–960 MHz   ±1.2dB @ 340–698 MHz
Impedance	50 ohm
Operating Frequency Band	1710 – 2700 MHz   340 – 960 MHz
Peak Power, maximum	3 kW
Reflected Power, maximum	200 W
VSWR	1.3

## Mechanical Specifications

Coupling Nut Proof Torque	25 N-m   221.269 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%
Ingress Protection Test Method	IEC 60529:2001, IP65

## Packaging and Weights

Height, packed	50 mm   1.969 in
Width, packed	95 mm   3.74 in
Length, packed	180 mm   7.087 in
Volume	855000 mm³   52.176 in³
Weight, gross	0.42 kg   0.926 lb
Weight, net	0.35 kg   0.772 lb

## Regulatory Compliance/Certifications

Agency	Classification
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