

20 dB, Tapper, 340–960/1710–2700 MHz



OBSOLETE

This product was discontinued on: October 31, 2019

Replaced By:

CT-20-TUW-NI6 20 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-20-TCPUSE-NI6

Insertion Loss at Frequency Band	0.1 dB @ 1710–2700 MHz 0.1 dB @ 340–698 MHz 0.1 dB @ 698–960 MHz
Return Loss, minimum	20.8 dB
Average Power, maximum	200 W
Coupling	20 dB
Coupling Tolerance	±1.25dB @ 1710–2700 MHz ±1.25dB @ 698–960 MHz ±1.5dB @ 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	1.2

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%
Ingress Protection Test Method	IEC 60529:2001, IP65

Packaging and Weights

Height, packed	40 mm 1.575 in
Width, packed	90 mm 3.543 in
Length, packed	180 mm 7.087 in
Volume	648000 mm ³ 39.544 in ³
Weight, gross	0.31 kg 0.683 lb
Weight, net	0.26 kg 0.573 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 www.commscope.com/ProductCompliance
ROHS	Compliant