

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	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	0.2 dB @ 1695–2700 MHz 0.2 dB @ 340–960 MHz 0.3 dB @ 3500-4500 MHz 0.3 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	20 dB
Coupling Tolerance	+0.4/-1.1dB @ 1695-2700 MHz +1.2/-0.8dB @ 3500-4500 MHz ±0.8dB @ 380-520

CT-20-TUW-NI6

MHz | $\pm 0.8\text{dB}$ @ 698–960 MHz | $\pm 1.0\text{dB}$ @ 340–380 MHz | $\pm 1.5\text{dB}$ @ 4900–6000 MHz

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

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

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

