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	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

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	MHz	±0.8dB @ 698–960 MHz	±1.0dB @ 340-380 MHz	±1.5dB @ 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

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