

CT-20-TCPUSE-NI6

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 |
|----------------------------------|------------------------|

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 |

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