

# CT-6-TCPUSE-Ni6

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6 dB, Tapper, 340–960/1710–2700 MHz



## Product Classification

**Product Type** Coaxial splitter

## General Specifications

**Device Type** Tapper  
**Interface** N Female  
**Color** Silver

## Electrical Specifications

**Operating Frequency Band** 1710 – 2700 MHz | 340 – 960 MHz  
**3rd Order IMD** -160.0 dBc  
**3rd Order IMD Test Method** Two +43 dBm carriers  
**Average Power, maximum** 200 W  
**Coupling** 6.0 dB  
**Coupling Tolerance** ±0.8 dB @ 1710–2700 MHz | ±0.8 dB @ 698–960 MHz | ±1.2 dB @ 340–698 MHz  
**Impedance** 50 ohm  
**Insertion Loss at Frequency Band** 1.6 dB @ 1710–2700 MHz | 1.6 dB @ 340–698 MHz | 1.6 dB @ 698–960 MHz  
**Peak Power, maximum** 3 kW  
**Reflected Power, maximum** 200 W  
**Return Loss, minimum** 17.7 dB  
**VSWR** 1.3:1

## Mechanical Specifications

**Coupling Nut Proof Torque** 4.50 N-m | 3.32 ft lb  
**Inner Contact Plating** Silver  
**Outer Contact Plating** Trimetal

## Environmental Specifications

**Application** Indoor/Outdoor  
**Ingress Protection Test Method** IEC 60529:2001, IP65  
**Operating Temperature** -35 °C to +85 °C (-31 °F to +185 °F)  
**Relative Humidity** Up to 100%

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## Dimensions

<b>Height</b>	25.00 mm   0.98 in
<b>Length</b>	141.00 mm   5.55 in
<b>Width</b>	43.00 mm   1.69 in
<b>Net Weight</b>	260.00 g   0.57 lb

## Packed Dimensions

<b>Height</b>	40.0 mm   1.6 in
<b>Length</b>	180.0 mm   7.1 in
<b>Width</b>	90.0 mm   3.5 in
<b>Shipping Weight</b>	310.00 g   0.68 lb
<b>Volume</b>	648.0 cc

## Regulatory Compliance/Certifications

### Agency

RoHS 2011/65/EU

ISO 9001:2015

### Classification

Designed, manufactured and/or distributed under this quality management system

