

# CT-30-TCPUSE-Di6

30 dB, Tapper, 340–960/1710–2700 MHz



## **OBSOLETE**

**This product was discontinued on: March 31, 2019**

### **Replaced By**

CT-30-TCPUSE-Ni6      30 dB, Tapper, 340–960/1710–2700 MHz

## Product Classification

**Product Type**                      Coaxial splitter

## General Specifications

**Device Type**                      Tapper  
**Interface**                          7-16 DIN 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**    300 W  
**Coupling**                          30.0 dB  
**Coupling Tolerance**            ±1.5dB @ 1710–2700 MHz | ±1.5dB @ 698–960 MHz | ±1.6dB @ 340–698 MHz  
**Impedance**                        50 ohm  
**Insertion Loss at Frequency Band** 0.1 dB @ 1710–2700 MHz | 0.1 dB @ 340–698 MHz | 0.1 dB @ 698–960 MHz  
**Peak Power, maximum**        3 kW  
**Reflected Power, maximum**    200 W  
**Return Loss, minimum**        20.8 dB  
**VSWR**                                1.20

## Mechanical Specifications

**Coupling Nut Proof Torque**    25.00 N-m | 18.44 ft lb  
**Inner Contact Plating**        Silver  
**Outer Contact Plating**        Trimetal

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## Environmental Specifications

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

## Dimensions

<b>Height</b>	28.90 mm   1.14 in
<b>Length</b>	153.60 mm   6.05 in
<b>Width</b>	49.30 mm   1.94 in
<b>Net Weight</b>	350.00 g   0.77 lb

## Packed Dimensions

<b>Height</b>	50.0 mm   2.0 in
<b>Length</b>	180.0 mm   7.1 in
<b>Width</b>	95.0 mm   3.7 in
<b>Shipping Weight</b>	420.00 g   0.93 lb
<b>Volume</b>	855.0 cc

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
RoHS 2011/65/EU	
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

