

# CT-8-CPUSE-Ni6



8 dB, Tapper, 698–960/1710–2700 MHz

## **OBSOLETE**

**This product was discontinued on: August 31, 2016**

### **Replaced By**

CT-8-TCPUSE-Ni6      8 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 | 698 – 960 MHz  
**3rd Order IMD**                    -160.0 dBc  
**3rd Order IMD Test Method**      Two +43 dBm carriers  
**Average Power, maximum**      200 W  
**Coupling**                          8.0 dB  
**Coupling Tolerance**                ±0.8dB  
**Impedance**                          50 ohm  
**Insertion Loss at Frequency Band** 1.1 dB @ 1710–2700 MHz | 1.1 dB @ 698–960 MHz  
**Peak Power, maximum**            3 kW  
**Reflected Power, maximum**      200 W  
**Return Loss, minimum**            19.1 dB  
**VSWR**                                1.25

## Mechanical Specifications

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

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**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%

## Dimensions

**Height**    25.00 mm | 0.98 in  
**Length**    141.00 mm | 5.55 in  
**Width**    43.00 mm | 1.69 in  
**Net Weight**                                        260.00 g | 0.57 lb

## Packed Dimensions

**Height**    40.0 mm | 1.6 in  
**Length**    180.0 mm | 7.1 in  
**Width**    90.0 mm | 3.5 in  
**Shipping Weight**                                310.00 g | 0.68 lb  
**Volume**    648.0 cc

## Regulatory Compliance/Certifications

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

