

CT-10-TCPUSE-Di6

10 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 10.0 dB
Coupling Tolerance ±1.0 dB @ 1710–2700 MHz | ±1.0 dB @ 698–960 MHz | ±1.3 dB @ 340–698 MHz
Impedance 50 ohm
Insertion Loss at Frequency Band 0.7 dB @ 1710–2700 MHz | 0.7 dB @ 340–698 MHz | 0.7 dB @ 698–960 MHz
Peak Power, maximum 3 kW
Reflected Power, maximum 200 W
Return Loss, minimum 20.8 dB
VSWR 1.2:1

Mechanical Specifications

Coupling Nut Proof Torque 25.00 N-m | 18.44 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

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

Packed Dimensions

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

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU
ISO 9001:2015

Classification

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

