

CT-10-TCPUSE-43-i6

10 dB, Tapper, 340–960/1710–2700 MHz



Product Classification

Product Type Coaxial splitter

General Specifications

Device Type Tapper
Interface 4.3-10 Female
Color Silver

Electrical Specifications

Operating Frequency Band 1710 – 2700 MHz | 340 – 960 MHz
3rd Order IMD -162.0 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 7.00 N-m | 5.16 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%

Dimensions

Height	25.00 mm 0.98 in
Length	146.00 mm 5.75 in
Width	46.00 mm 1.81 in
Net Weight	250.00 g 0.55 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	300.00 g 0.66 lb

Regulatory Compliance/Certifications

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

