

CT-5-TCPUSE-Ni6

5 dB, Tapper, 340–960/1710–2700 MHz



Product Classification

Product Type Coupler

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 4.8 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 1.7 dB @ 340–698 MHz | 1.7 dB @ 698–2700 MHz | 1.7 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

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

RoHS 2011/65/EU
ISO 9001:2015

Classification

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

