

CT-10-TUW-Ni6

10 dB, Tapper, 340 – 6000 MHz



Product Classification

Product Type Coaxial splitter

General Specifications

Device Type Tapper
Interface N Female
Color White

Electrical Specifications

Operating Frequency Band 1695 – 2700 MHz | 340 – 960 MHz | 3500 – 4500 MHz | 4900 – 6000 MHz
3rd Order IMD -163.0 dBc
3rd Order IMD Test Method Two +43 dBm carriers
Average Power, maximum 200 W
Coupling 10.0 dB
Coupling Tolerance +0.1/-1.1dB @ 4900-6000 MHz | +0/-0.8dB @ 380-520 MHz | +0/-1.3dB @ 340-380 MHz | +0/-1.5dB @ 3500-4500 MHz | ±0.45dB @ 698-960 MHz | ±0.7dB @ 1695-2700 MHz
Impedance 50 ohm
Insertion Loss at Frequency Band 0.7 dB @ 1695–2700 MHz | 0.7 dB @ 340–960 MHz | 0.75 dB @ 3500–4500 MHz | 0.75 dB @ 4900–6000 MHz
Peak Power, maximum 3 kW
Reflected Power, maximum 200 W
Return Loss at Frequency Band 19.1 dB @ 3500–4500 MHz | 19.1 dB @ 4900–6000 MHz | 20.8 dB @ 1695–2700 MHz | 20.8 dB @ 340–960 MHz

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, IP67
Operating Temperature -35 °C to +85 °C (-31 °F to +185 °F)

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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 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

RoHS 2011/65/EU

ISO 9001:2015

Classification

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

