

CT-8-TCPUSE-DI6

8 dB, Tapper, 340–960/1710–2700 MHz



OBSOLETE

This product was discontinued on: September 30, 2021

Replaced By:

CT-8-TUW-43-I6 8 dB, Tapper, 340 – 6000 MHz

Product Classification

Regional Availability Asia | Australia/New Zealand | EMEA | Latin America | North America

Product Type Tapper

General Specifications

Device Type Tapper

Application Indoor/Outdoor

Color Silver

Inner Contact Plating Silver

Interface 7-16 DIN Female

Outer Contact Plating Trimetal

Dimensions

Height 28.9 mm | 1.138 in

Width 49.3 mm | 1.941 in

Length 153.6 mm | 6.047 in

Electrical Specifications

3rd Order IMD -160 dBc

3rd Order IMD Test Method Two +43 dBm carriers

CT-8-TCPUSE-DI6

Insertion Loss at Frequency Band	1.1 dB @ 1710–2700 MHz 1.1 dB @ 340–698 MHz 1.1 dB @ 698–960 MHz
Return Loss, minimum	19.1 dB
Average Power, maximum	300 W
Coupling	8 dB
Coupling Tolerance	±0.8dB @ 1710–2700 MHz ±0.8dB @ 698–960 MHz ±1.2dB @ 340–698 MHz
Impedance	50 ohm
Operating Frequency Band	1710 – 2700 MHz 340 – 960 MHz
Peak Power, maximum	3 kW
Reflected Power, maximum	200 W
VSWR	1.25

Mechanical Specifications

Coupling Nut Proof Torque	25 N-m 221.269 in lb
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Environmental Specifications

Operating Temperature	-35 °C to +85 °C (-31 °F to +185 °F)
Relative Humidity	Up to 100%
Ingress Protection Test Method	IEC 60529:2001, IP65

Packaging and Weights

Height, packed	50 mm 1.969 in
Width, packed	95 mm 3.74 in
Length, packed	180 mm 7.087 in
Volume	855000 mm ³ 52.176 in ³
Weight, gross	0.42 kg 0.926 lb
Weight, net	0.35 kg 0.772 lb

Regulatory Compliance/Certifications

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

