

CT-8-TUW-43-16

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 White

Inner Contact Plating Silver

Interface 4.3-10 Female

Outer Contact Plating Trimetal

Dimensions

Height 25 mm | 0.984 in

Width 43 mm | 1.693 in

Length 141 mm | 5.551 in

Electrical Specifications

3rd Order IMD -165 dBc

3rd Order IMD Test Method Two +43 dBm carriers

Insertion Loss at Frequency Band 1.1 dB @ 1695–2700 MHz | 1.1 dB @ 340–960 MHz | 1.15 dB @ 3500–4500 MHz | 1.15 dB @ 4900–6000 MHz

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

Average Power, maximum 300 W

Coupling 8 dB

Coupling Tolerance +0.1/-1.1dB @ 4900-6000 MHz | +0.15/-1dB @ 1695-2700 MHz | +0/-0.8dB @ 380-

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520 MHz | +0/-1.3dB @ 340-380 MHz | +0/-1.5dB @ 3500-4500 MHz | ±0.4dB @ 698-960 MHz

Impedance	50 ohm
Operating Frequency Band	1695 – 2700 MHz 340 – 960 MHz 3500 – 4500 MHz 4900 – 6000 MHz
Peak Power, maximum	3 kW
Reflected Power, maximum	200 W

Mechanical Specifications

Coupling Nut Proof Torque	7 N-m 61.955 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%
Corrosion Test Method	IEC 60068-2-11, 30 days
Ingress Protection Test Method	IEC 60529:2001, IP67

Packaging and Weights

Height, packed	40 mm 1.575 in
Width, packed	90 mm 3.543 in
Length, packed	180 mm 7.087 in
Weight, gross	300 g 0.661 lb
Weight, net	250 g 0.551 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

