

CT-30-TUW-43-16



30 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	0.15 dB @ 1695-2700 MHz 0.15 dB @ 340-960 MHz 0.2 dB @ 3500-4500 MHz 0.2 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	30 dB
Coupling Tolerance	+1.5/-0.2dB @ 698-960 MHz +1.7/-0.3dB @ 340-698 MHz +1/-2.5dB @ 4900-6000 MHz +2.7/-0.5dB @ 3500-4500 MHz ±1dB @ 1695-2700 MHz
Impedance	50 ohm

CT-30-TUW-43-16

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
----------------------------------	----------------------

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	0.3 kg 0.661 lb
Weight, net	0.25 kg 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
UK-ROHS	Compliant

