

CT-30-TCPUSE-43-16

30 dB, Tapper, 340–960/1710–2700 MHz



OBSOLETE

This product was discontinued on: **October 31, 2019**

Replaced By:

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	Silver
Inner Contact Plating	Silver
Interface	4.3-10 Female
Outer Contact Plating	Trimetal

Dimensions

Height	25 mm 0.984 in
Width	46 mm 1.811 in
Length	146 mm 5.748 in

Electrical Specifications

3rd Order IMD	-162 dBc
3rd Order IMD Test Method	Two +43 dBm carriers

CT-30-TCPUSE-43-16

Insertion Loss at Frequency Band	0.1 dB @ 1710–2700 MHz 0.1 dB @ 340–698 MHz 0.1 dB @ 698–960 MHz
Return Loss, minimum	20.8 dB
Average Power, maximum	300 W
Coupling	30 dB
Coupling Tolerance	±1.5dB @ 1710–2700 MHz ±1.5dB @ 698–960 MHz ±1.6dB @ 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	1.2

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%
Ingress Protection Test Method	IEC 60529:2001, IP65

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

