

CT-30-TCPUSE-DI6

30 dB, Tapper, 340–960/1710–2700 MHz



OBSOLETE

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

Replaced By:

CT-30-TCPUSE-NI6 30 dB, Tapper, 340–960/1710–2700 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

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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	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
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

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