C-10-TCPUSE-D

10 dB, Directional Coupler, 380–2700 MHz



OBSOLETE This product was discontinued on: March 30, 2016

Product Classification	
Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Product Type	Directional coupler
General Specifications	
Device Type	Coupler
Application	Indoor/Outdoor
Color	Black
Inner Contact Plating	Silver
Interface	7-16 DIN Female
Outer Contact Plating	Trimetal
Dimensions	
Height	36 mm 1.417 in
Width	66 mm 2.598 in
Length	194 mm 7.638 in
Electrical Specifications	
3rd Order IMD	-140 dBc
3rd Order IMD Test Method	Two +43 dBm carriers
Insertion Loss at Frequency Band	0.8 dB @ 380-2700 MHz
Return Loss, minimum	19 dB

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Average Power, maximum	200 W
Coupling	10 dB
Coupling Tolerance	±1.0dB
Impedance	50 ohm
Isolation at Frequency Band	20 dB @ 380-2700 MHz
Operating Frequency Band	380 – 2700 MHz
Peak Power, maximum	1 kW
Reflected Power, maximum	100 W
VSWR	1.25

Environmental Specifications

Operating Temperature	-25 °C to +85 °C (-13 °F to +185 °F)
Relative Humidity	Up to 100%
Ingress Protection Test Method	IEC 60529:2001, IP65

Packaging and Weights

Height, packed	55 mm 2.165 in
Width, packed	110 mm 4.331 in
Length, packed	200 mm 7.874 in
Volume	1210 cc 73.839 in ³
Weight, gross	0.95 kg 2.094 lb
Weight, net	0.89 kg 1.962 lb

Regulatory Compliance/Certifications

Agency Classification

ISO 9001:2015

Designed, manufactured and/or distributed under this quality management system

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