

C-30-TCPUSE-N

30 dB, Directional Coupler, 380–2700 MHz



OBSOLETE

This product was discontinued on: **March 30, 2016**

Replaced By:

C-30-TCPUSE-N-AI6 30 dB, Low PIM Air Directional Coupler, 340–2700 MHz

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

N Female

Outer Contact Plating

Trimetal

Dimensions

Height

23 mm | 0.906 in

Width

65 mm | 2.559 in

Length

180 mm | 7.087 in

Electrical Specifications

3rd Order IMD

-140 dBc

3rd Order IMD Test Method

Two +43 dBm carriers

C-30-TCPUSE-N

Insertion Loss at Frequency Band	0.2 dB @ 380–2700 MHz
Return Loss, minimum	19 dB
Average Power, maximum	200 W
Coupling	30 dB
Coupling Tolerance	±1.5dB
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	200 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	40 mm 1.575 in
Width, packed	88 mm 3.465 in
Length, packed	195 mm 7.677 in
Volume	686.4 cc 41.887 in ³
Weight, gross	0.44 kg 0.97 lb
Weight, net	0.4 kg 0.882 lb

Regulatory Compliance/Certifications

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

