

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/4/30	C. Chen

TECHNICAL DATA

► Electrical Data

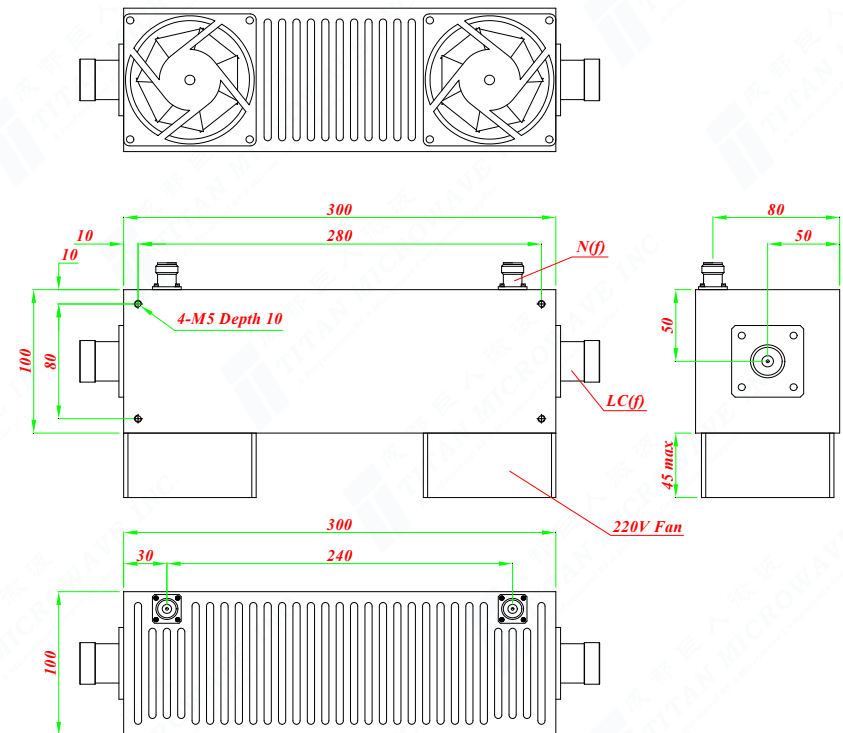
Frequency Range	0.01~100MHz
Coupling	60±1.0dB
Coupling Flatness	±1.0dB max
Insertion Loss	0.1dB max
Primary Line VSWR	1.2:1 max
Directivity	20dB min
Impedance	50 Ohms
Primary Line Power	10000W(CW)

► Mechanical Data

Primary Line Connectors	LC-Female
Coupled Connectors	N-Female
Housing Material	Aluminum
Surface Finish	Natural Color Conductive Oxidation
Dimensions	300×100×100mm

► Environmental Data

Operating Temperature	-55℃~+85℃
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Notes:

- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
- CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

DRAWN: L. Ma 30/04/25			TITLE: Dual Directional Coupler, 0.01~100MHz, 60dB,10kW, LC-Female & N-Female		成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com			
ENGINEER: J. Zhu 30/04/25								
APPROVED: C. Chen 30/04/25								
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TDDC-10K100M-60LN10KW		DIMENSIONS IN MILLIMETERS(mm)			
x	±0.50	[0.019"]						
.x	±0.20	[0.008"]						
.xx	±0.10	[0.004"]						
ANGLES	±1°							
					SIZE:	SCALE:	SHEET:	REV:
					A4		1/1	A