

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

TECHNICAL DATA

► Electrical Data

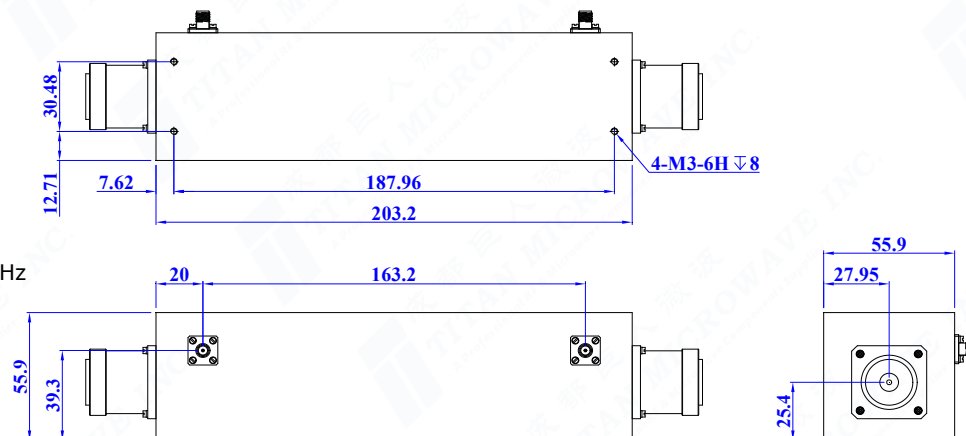
Frequency Range	9KHz~10MHz
Coupling	50±1.0dB
Coupling Flatness	±0.5dB max
Insertion Loss	0.2dB max
Primary Line VSWR	1.2:1 max
Coupled Line VSWR	1.2:1 max
Directivity	15dB min@9~20KHz, 20dB min@20KHz~10MHz
Impedance	50 Ohms
Primary Line Power	3500W(CW)

► Mechanical Data

Primary Line Connectors	DIN 7/16(L29)-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	203.2×55.9×55.9mm

► 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, 9KHz~10MHz, 50dB, 3500W, DIN 7/16(L29)-Female & SMA-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-9K10M-50DS3.5KW	 DIMENSIONS IN MILLIMETERS(mm) SIZE: A4 SCALE: SHEET: 1/1 REV: A
x	±0.50	[0.019"]		
.x	±0.20	[0.008"]		
.xx	±0.10	[0.004"]		
ANGLES ±1°				

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