

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

TECHNICAL DATA

► Electrical Data

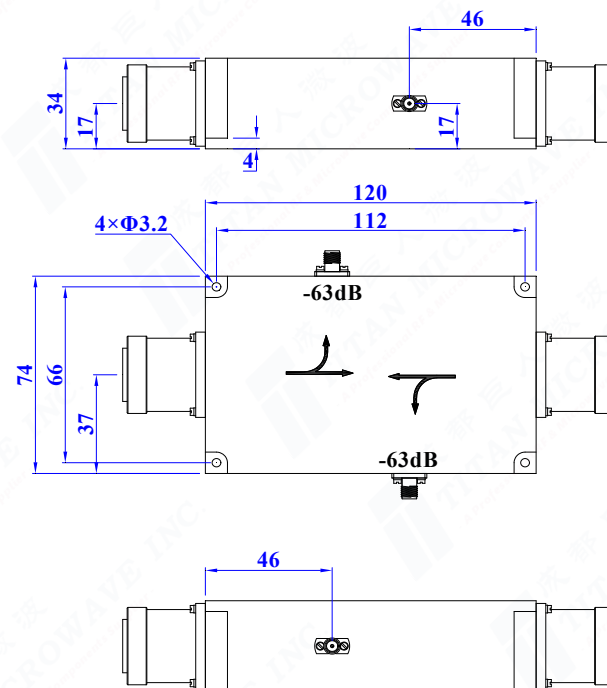
Frequency Range	2~30MHz
Coupling	63±0.5dB
Coupling Flatness	±0.5dB max
Insertion Loss	0.1dB max
Primary Line VSWR	1.1:1 max
Coupled Line VSWR	1.3:1 max
Directivity	22dB min
Impedance	50 Ohms
Primary Line Power	10KW(CW)

► Mechanical Data

Primary Line Connectors	DIN 7/16(L29)-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	120×74×34mm

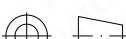
► Environmental Data

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, 2~30MHz, 63dB, 10KW, DIN 7/16(L29)-Female & SMA-Female	 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -			
ENGINEER: J. Zhu 30/04/25							
APPROVED: C. Chen 30/04/25				PART No.: TDDC-2M30M-63DS10KW		DIMENSIONS IN MILLIMETERS(mm)	
TOLERANCE UNLESS OTHERWISE SPECIFIED			SIZE: A4			SCALE:	SHEET: 1/1
x	±0.50	[0.019"]					
.x	±0.20	[0.008"]					
.xx	±0.10	[0.004"]					
ANGLES	±1°						

SHEET: 1/1
REV: A