

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

TECHNICAL DATA

► Electrical Data

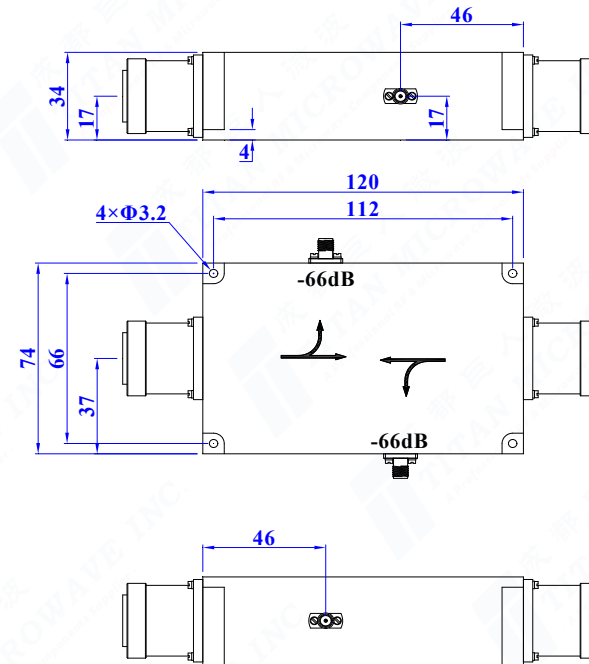
Frequency Range	1~30MHz
Coupling	66±1.0dB
Coupling Flatness	±0.6dB max
Insertion Loss	0.1dB max
Primary Line VSWR	1.1:1 max
Coupled Line VSWR	1.5:1 max
Directivity	20dB min
Impedance	50 Ohms
Primary Line Power	10KW(CW)

► Mechanical Data

Primary Line Connectors	DIN 7/16-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, 1~30MHz, 66dB, 10KW, 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-1M30M-66DS10KW		 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		