

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

TECHNICAL DATA

► Electrical Data

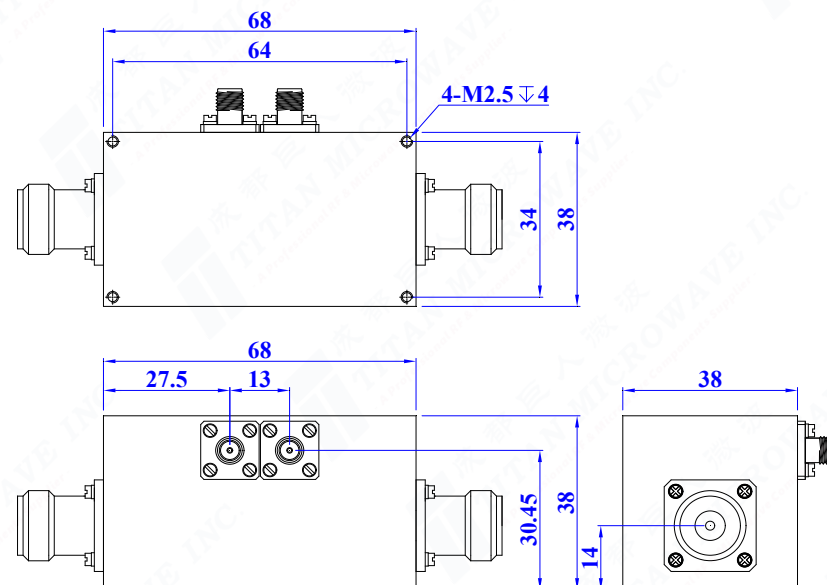
Frequency Range	1.6~30MHz
Coupling	60±1.0dB
Coupling Flatness	±0.1dB max
Insertion Loss	0.1dB max
Primary Line VSWR	1.1:1 max
Coupled Line VSWR	1.5:1 max
Directivity	20dB min
Impedance	50 Ohms
Primary Line Power	2000W(CW)

► Mechanical Data

Primary Line Connectors	N-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	68×38×38mm



► Environmental Data

Operating Temperature	-10℃~+60℃
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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, 1.6~30MHz, 60dB, 2000W, N-Female & SMA-Female	<div> 成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier -</div> <div>www.titan-microwave.com</div>			
ENGINEER: J. Zhu 30/04/25							
APPROVED: C. Chen 30/04/25							
TOLERANCE UNLESS OTHERWISE SPECIFIED			PART No.: TDDC-1.6M30M-60NS2KW	<div> DIMENSIONS IN MILLIMETERS(mm)</div>			
x	±0.50	[0.019"]		<div><div>SIZE: A4</div><div>SCALE:</div><div>SHEET: 1/1</div><div>REV: A</div></div>			
.x	±0.20	[0.008"]					
.xx	±0.10	[0.004"]					
ANGLES	±1°						