

REV	DESCRIPTION OF REVISION	By	DATE	APPROVED
A	INITIAL RELEASE	C. Cai	2025/3/24	C. Chen

TECHNICAL DATA

► Electrical Data

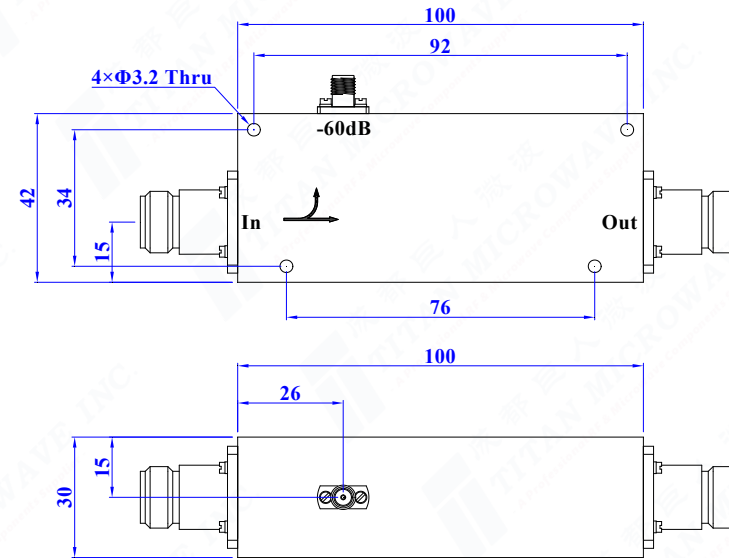
Frequency Range	2~30MHz
Nominal Coupling	60±1.0dB
Coupling Flatness	±0.5dB max
Insertion Loss	0.1dB max
Primary Line VSWR	1.1:1 max
Coupled Line VSWR	1.3:1 max
Directivity	20dB
Impedance	50 Ohms
Power Rating	1000W(CW)

► Mechanical Data

Input/Output Connectors	N-Female
Coupled Connector	SMA-Female
Body Material	Aluminum
Surface Finish	Conductive Oxide
Dimensions	100×42×30mm

► 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 24/03/25			TITLE: Single Directional Coupler, 2~30MHz Coupling 60dB, 1000W N-Female & SMA-Female PART No.: TMDC-2M30M-60NS1KW		成都巨人微波 TITAN MICROWAVE INC. - A Professional RF & Microwave Components Supplier - www.titan-microwave.com  DIMENSIONS IN MILLIMETERS(mm) SIZE: A4 SCALE: SHEET: 1/1 REV: A		
ENGINEER: J. Zhu 24/03/25							
APPROVED: C. Chen 24/03/25							
TOLERANCE UNLESS OTHERWISE SPECIFIED							
x	±0.50	[0.019"]					
.x	±0.20	[0.008"]					
.xx	±0.10	[0.004"]					
ANGLES	±1°						