

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

## TECHNICAL DATA

### ► Electrical Data

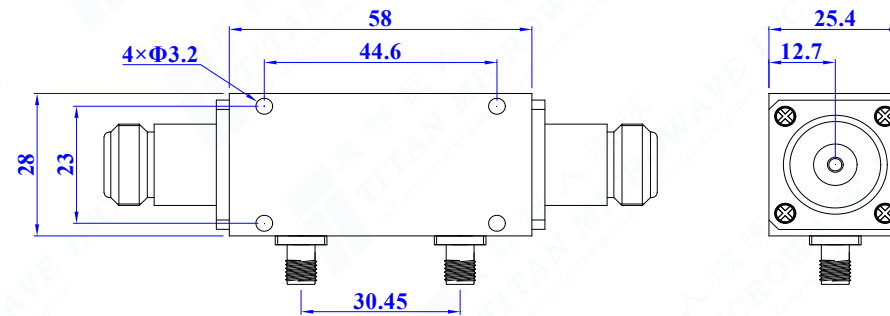
Frequency Range	2~6GHz
Coupling	40±1.0dB
Coupling Flatness	±0.5dB
Insertion Loss	0.3dB max
Primary Line VSWR	1.3:1 max
Directivity	16dB min
Impedance	50 Ohms
Primary Line Power	300W(CW)

### ► Mechanical Data

Primary Line Connectors	N-Female
Coupled Connectors	SMA-Female
Housing Material	Aluminum
Surface Finish	Conductive Oxidation
Dimensions	52×25×13mm



### ► 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	<b>TITLE:</b> Single Directional Coupler, 2~6GHz, 40dB, 300W, N-Female & SMA-Female	 <b>成都巨人微波</b> <b>TITAN MICROWAVE INC.</b> - A Professional RF & Microwave Components Supplier - <a href="http://www.titan-microwave.com">www.titan-microwave.com</a>
ENGINEER: J. Zhu 30/04/25		
APPROVED: C. Chen 30/04/25		
TOLERANCE UNLESS OTHERWISE SPECIFIED		
x ±0.50 [0.019"] .x ±0.20 [0.008"] .xx ±0.10 [0.004"] ANGLES ±1°	<b>PART No.:</b> TMDC-02000600-40NS300	 DIMENSIONS IN MILLIMETERS(mm)
		<b>SIZE:</b> A4
		<b>SCALE:</b>
		<b>SHEET:</b> 1/1
		<b>REV:</b> A